



Entergy Corporation is an integrated energy company engaged primarily in electric power production, retail distribution operations, energy marketing and trading, and gas transportation. Entergy owns and operates power plants with approximately 30,000 megawatts of electric generating capacity, and it is the second-largest nuclear generator in the United States. Entergy delivers electricity to 2.6 million utility customers in Arkansas, Louisiana, Mississippi, and Texas. Through Entergy-Koch, LP, it is a leading provider of wholesale energy marketing and trading services, as well as an operator of natural gas pipeline and storage facilities. Entergy has annual revenues of over \$9 billion and approximately 14,000 employees.

# HIGHLIGHTS

	2003	% CHANGE	2002	% CHANGE	2001
					an a
FINANCIAL RESULTS				and the second sec	
(in millions, except percentages and per share amounts)					1996
Operating revenues	\$9,195	10.7%	\$ 8,305	(13.7%)	\$9,621
Earnings applicable to common stock	\$ 927	54.8%	\$ 599	(17.5%)	\$ 726
Earnings per share					
Basic	\$ 4.09	52.0%	\$ 2.69	(18.2%)	\$ 3.29
Diluted	\$ 4.01	51.9%	\$ 2.64	(18.3%)	\$ 3.23
Average shares outstanding (in millions)			्रह्मका स्टब्स् मध्य स्टब्स् स्टब्स्		
Basic	226.8	1.7%	223.0	1.0%	220.9
Diluted	231.1	1.7%	227.3	1.2%	224.7
Return on average common equity	11.21%	42.8%	7.85%	(21.8%)	10.04%
Net cash flow provided by operating activities	\$2,006	(8.1%)	\$ 2,182	(1.5%)	\$2,216
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U.S. UTILITY ELECTRIC OPERATING DATA		(1) All a start of the second s expected second s Second second seco			(1999) Alexandra (1994) Maria ang kanang kanang Alexandra (1998) Alexandra (1998) Alexandra (1998) Alexandra (1998) Alexandra (1998) Alexandra (1998) Alexandra
Retail kilowatt-hour sales (in millions)	99,968	(1.6%)	101,631	1.7%	99,956
Peak demand (in megawatts)	20,162	(1.3%)	20,419	0.8%	20,257
Retail customers – year end (in thousands)	2,631	1.3%	2,598	0.9%	2,574
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TOTAL EMPLOYEES - YEAR END	14,773	(5.3%)	15,601	8.6%	15,054

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# **Entergy Corporation: All About Performance**

2003 was a year of strong performance at Entergy. In this report, we measure how Entergy performed in 2003 against the goals and aspirations advanced in last year's annual report. We also update our goals and outline steps we're taking to maintain a high standard of performance.

For a company that calls New Orleans home, the word "performance" also evokes the rich musical heritage of this region, where a host of musical styles were born or nourished. So, we're highlighting a number of popular musical styles that were contemporary with important milestones in our company's 90-year history.

Since we refocused our strategy in 1998, Entergy has consistently performed for customers, investors, and all Entergy stakeholders. As we look to the future, we're committed to delivering the performance our stakeholders count on – reliable service, steady growth, unfailing integrity – year after year after year.

# **To Our Audience**

n 2003, the people of Entergy turned in another great performance. In December 2003, Entergy was named the Global Energy Company of the Year, at the Platts/BusinessWeek Global Energy Awards. We're glad that Entergy employees have been recognized for their efforts, and we're proud of what they have accomplished on behalf of customers, investors, and all Entergy stakeholders. But we don't seek awards for their own sake. What counts is performance. And that's what this report is all about.

# Focus on Performance

Our focus on charting performance – execution – may seem at odds with the idea that an annual report should be strategic or forward-looking. But we believe you can clearly see our strategy in our performance. And because our strategy has been consistent, you can see our plans for the future in what we have done. What you see is what you get. We don't hide bad performance in strategic talk, or discount a bad year with visions of future grandeur.

We lay out specific goals on page 20, so you can measure our progress. We also report on the goals we set in last year's annual report – including the goals we did not fully achieve. Our strategy is designed to reach our overall financial targets even if not everything goes right. We establish goals that require us to stretch, and we know that some things will not turn out as we expect – economy, weather, competitors' behavior. So we're not surprised when we don't hit or exceed every target, but we're not satisfied with anything less, either.

The reliability of our service continues to improve, but measures of customer service and satisfaction declined. Employee lost-time accidents reached a new low in 2003, but we have suffered an employee fatality in each of the past two years. Entergy's balance sheet and cash flow continue to strengthen, but our credit rating lags both our performance and our industry peers. Entergy's stock price has reached a number of record highs when many in the industry have been hitting lows, but our market-to-book ratio remains below the industry average.

We strongly believe we still have very real and substantial opportunities to make further progress on the extraordinary performance improvement path we have established over the past five years.

## **Financial Performance in 2003**

In 2003, Entergy added to its record of steady growth in earnings since we adopted our refocused strategy in 1998. For the year 2003, Entergy's as-reported earnings were \$4.01 per share, up 52 percent from \$2.64 per share in 2002. Operational earnings were \$4.25 per share, up 12 percent from \$3.81 per share in 2002, and above our goal of 8-10 percent average annual growth.

In July 2003, the Board of Directors raised Entergy's dividend 29 percent to \$1.80 per share on an annual basis. Even with the higher dividend, our payout ratio of 40 percent remains well below the industry average of just over 50 percent, providing us not just added financial security but also a lot of options for the future.

Entergy was honored as the top performer in the Edison Electric Institute's Index of Shareholder-Owned Electric Utilities, with a total return of 110.7 percent for the five-year period ended September 30, 2003. In 2003, Entergy completed a \$3.3 billion refinancing program that resulted in a stronger balance sheet, increased flexibility, and reduced financing costs. We will continue to work hard to demonstrate to the rating agencies that the financial improvements we've made are worthy of upward revisions in our credit ratings.

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# **Productivity Improvement**

A critical near-term initiative is to reduce total annual operation and maintenance expense by \$145 million, and to reduce maintenance capital outlays by \$350 million, by 2006. The increase in productivity improvements, combined with planned uprates to expand the capacity of our nuclear plants, will move us closer to achieving consistent 10 percent returns on total invested capital.

We took a significant step toward this operation and maintenance expense goal with the completion of our Voluntary Severance Program in December 2003. The VSP was well designed, targeting specific processes or functions where best practices or technology enhancements have been proven. We are eliminating work, and the VSP aligns the workforce with the remaining business needs. A total of 1,100 employees participated in the program. The long-term value of effective and efficient processes will clearly exceed the initial costs, which resulted in an after-tax charge of \$123 million. The initiative will produce annual savings of about \$70 million after tax, resulting in a three-year net present value of \$90 million.

# <sup>66</sup> Entergy was honored as the top performer in the Edison Electric Institute's Index of Shareholder-Owned Electric Utilities, with a total return of 110.7 percent for the five-year period ended September 30, 2003.<sup>99</sup>

In our benchmarking efforts, we've found that the safest, most reliable operations are also the lowest cost over the long run, and we firmly believe these productivity increases are sustainable. U.S. capital-intensive industries have achieved 5 percent productivity improvements year after year for decades. That doesn't mean that everybody can do it – high-performing companies break from the pack. For example, ten years ago we honestly could not see how we could get nuclear costs below \$25/MWh. But at the same time we knew that if we didn't, we'd face a huge competitive disadvantage. Now we're operating plants at \$15/MWh, and we've identified more room for reducing inefficiencies, without compromising safety and reliability standards.

### **Innovative Regulatory Initiatives**

Over the coming year, we'll continue to focus on advancing creative regulatory solutions that are good for all our stakeholders.

This is what we did in our New Orleans rate case last year. Entergy New Orleans obtained a \$30 million base rate increase, but the customers' retail bill was less as we implemented an innovative plan to acquire generation supplies at the lowest cost, replacing more expensive power purchases and less-reliable, less-efficient generation. In addition, we gained the opportunity to earn a higher return on equity through a performance-based incentive plan.



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We have rate filings being considered this year for both Entergy Louisiana and Entergy Gulf States – Louisiana, and our expectation is that they can be resolved in much the same way. That is, we believe that savings from the generation supply plan can mitigate base rate increases, and that performancebased ratemaking mechanisms can align the economic interests of shareholders and customers, giving us the opportunity to earn a higher ROE by achieving superior performance for customers.

We've also been active in developing an efficient transmission grid. In December, however, Entergy and other sponsors suspended efforts to form the SeTrans Regional Transmission Organization, as it became clear that state and federal regulators were unlikely to reach consensus on jurisdictional issues and approve the RTO.

A key initiative for 2004 is to receive approval for our interim transmission solution in lieu of SeTrans. The interim structure provides for grid operator independence with substantial duties assigned to an outside expert. It also provides more efficient pricing through a transition from rolled-in prices – which simply allocate transmission costs among everyone who uses the grid – to participant funding – which assigns costs to the users who are actually causing them. Over the long term, we still support a transmission structure that incorporates locational marginal pricing, but we must demonstrate to our state regulators that the transaction costs do not outweigh the efficiency benefits to be gained.

# <sup>66</sup> Over the coming year, we'll continue to focus on advancing creative regulatory solutions that are good for all our stakeholders.<sup>99</sup>

# A Note on Entergy-Koch Trading

In last year's annual report, we said that EKT was one of the only large trading companies with an "unblemished record" with regard to market manipulation or simultaneous trading activities designed to inflate volumes and revenues. Later in the year, however, the U.S. Commodity Futures Trading Commission conducted an investigation of EKT's trading and reporting of natural gas transactions.

We were surprised and disappointed, along with Entergy-Koch management, that a handful of traders had not taken reporting as seriously as they do, for example, managing risk or other duties. While many of the companies in the industry have found themselves in less than perfect compliance with changing rules and standards, we expect more. It was a fundamental breakdown in the way Entergy-Koch does business. We have taken very serious steps internally to ensure that accuracy in reporting is never again an issue, and that similar breakdowns don't occur in other areas.





In January 2004, EKT reached a settlement with the CFTC relating to its investigation. The CFTC filed an order citing EKT for reporting false price information. The company agreed to pay a civil penalty of \$3 million without admitting or denying the findings. There were no charges of price manipulation or wash trading filed against the company. The CFTC has notified EKT that this settlement concludes the issues that were the subject of their investigation.

# **Goals and Measures of Future Performance**

Entergy will grow its dividend annually consistent with progress toward achievement of our financial aspirations. Our key aspirations are:

 to achieve a return of 9 percent on average invested capital in the near term, and 10 percent in the long term;

• to maintain near-term earnings growth of 8-10 percent, comprised of 6 percent intrinsic growth and 2-4 percent growth from asset acquisitions, and long-term growth of 5-6 percent, equal to top-quartile industry growth over the last 20 years; and

• to earn a single A credit rating over the long term by maintaining or improving our 45-50 percent net debt to net capital ratio and 4 times or better interest coverage.

Entergy is developing multiple business plans and scenarios to ensure that we can meet our growth targets in a variety of different futures. One way to look at this is to consider different operational achievements that could generate an additional 1 percent growth in earnings. Just a few examples include: increasing utility ROE by 20 basis points, reducing nuclear operation and maintenance expenses by 50 cents per MWh, completing a nuclear power uprate of 50 MW, signing an operating contract with a nuclear plant owner, or signing contracts to manage power and gas assets. The more we can get done, the more earnings growth we achieve.

In addition, we can improve capital productivity by redeploying capital into high-performance investments. We project more than \$3 billion of cash to be available through the end of 2006 for new investments, debt/equity repayments, and/or dividend increases. Our acquisition priorities have not changed. They are: gas pipelines and gas storage; nuclear generating plants and fossil plants which can be used to meet the needs of our utility customers.

We determine the optimal capital structure for Entergy to best manage financial risk, given the company's overall business risk. In our judgment, the optimal debt ratio lies in the range of 45 to 50 percent, given our risk profile and the opportunities we see on the horizon. As we develop forecasts that indicate we could well get outside that range, we begin implementing strategies to make sure that doesn't continue for long periods, lest we destroy shareholder value.



Entergy officers Wayne Leonard, Don Hintz, and Curt Hébert gather at the Platts/BusinessWeek Global Energy Awards In December 2003, with awards presented to Entergy as the Global Energy Company of the Year, and to Leonard as the energy industry's CEO of the Year.

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# **Aspirations in Our 2002 Letter**

"Entergy will be recognized as an environmental leader, not only in generation, but among all U.S. industrial companies, and will demonstrate the advantage of environmental excellence in achieving : financial results."

"Entergy will be one of five or fewer key owner/ operators in a highly consolidated nuclear industry – the best of the best – who operate safe, secure, low-cost plants, and we will be demonstrating new nuclear technologies that produce far greater value."

"Entergy's utilities will be recognized for industryleading customer satisfaction, and for a comprehensive approach to meeting the particular needs of lowincome customers."

"Entergy-Koch will be an established leader in energy trading, based on a reputation for outstanding integrity, systems, and risk management, and will be a provider of choice for risk management services to customers."

"Entergy will be the consistent industry leader in total shareholder return.",

"Entergy's goal of no lost-time accidents will be internalized as more than an 'aspiration' Nothing less is good enough."

# Progress in 2003

Entergy's commitment to addressing global warming and our investment in clean generation technologies were significant factors in meeting the stringent oriteria for listing on the Dow Jones Sustainability Index for a second year.

Entergy was chosen by the Nebraska Public Power District over other nuclear operating companies to provide management services to the Cooper Nuclear Station. We see the Cooper contract as a model for providing our expertise to other nuclear owners.

With investments targeted to improve reliability nearly complete, system performance and reliability continued to improve in 2003 and reliability complaints to regulators hit new lows. But measures of customer service and satisfaction slipped, and improving customer service is a top priority for 2004

Entergy-Koch delivered profitable trading results in 2003 and increased assets under management for customers. Following a CFTC investigation of its reporting practices, EKT is actively pursuing more rigorous procedures, controls, and internal oversight.

Entergy delivered solid returns again in 2003, positioning itself as the leader of large electric utilities in shareholder return over the past five years.

The number of employee lost-time accidents in 2003 was down 12 percent from 2002 and 60 percent from 1998, but we did suffer an employee fatality.

We will continue to evaluate other mechanisms to deploy cash such as stock buybacks and, of course, dividends, consistent with our acquisition opportunities and successes. We will not sit on excess cash earning very low interest. At the same time, we know that liquidity is an advantage. With the market in turmoil, we don't know which opportunities will open first, or when, and being able to move quickly to put cash on the table could be decisive to seizing the best opportunities.

It is worth emphasizing here that we are not about "break-out" investments. Markets tend to be fairly efficient in this regard. We do seek "break-out" performance in the combination of diversity, synergy, price risk management, operational excellence, locational advantage, and a host of other daily blocking and tackling that adds up over time to consistently superior results.

# <sup>66</sup> As we celebrate the 90th anniversary of the founding of our company, we recognize and appreciate those who built a great company, and acknowledge the serious responsibility to maintain that legacy for investors, customers, and employees. <sup>99</sup>

# **Thanks for Great Performances**

Before closing we want to recognize Don Hintz, who will retire as a full-time employee in April 2004. Don has been the driving force behind the turnaround in the performance of Entergy's legacy nuclear fleet, and the adoption and successful execution of our nuclear growth strategy, and he has served with distinction as president of Entergy since 1999. Over the last few years Don has made personal sacrifices to hold off on retirement until he could assemble the right team to carry on his legacy of operational excellence and continuous improvement in nuclear and other operations. Don has been nominated to the Board of Directors, and we're grateful for his willingness to serve Entergy in this new role.

We welcome Leo Denault to his new role as Executive Vice President and Chief Financial Officer. As a key member of Entergy's finance team for the past five years, Leo is deeply prepared for the role of CFO, and he has extensive knowledge of the utility industry and of commodity markets.

We also want to recognize Admiral George Davis, who is retiring from the Board, for the valuable contribution he has made to our company over the past six years. And we welcome Steven Wilkinson, who was elected to the Board this past October.

We owe special thanks to our employees, who not only continued to improve service, reliability, and efficiency day after day, and who not only rose to the challenge once again of a major tropical storm in our service area, but who also contributed an unprecedented effort to power restoration in Maryland and Virginia in the wake of massive damage caused by Hurricane Isabel last September.

As we celebrate the 90th anniversary of the founding of our company, we recognize and appreciate those who built a great company, and acknowledge the serious responsibility to maintain that legacy for investors, customers, and employees.

And we thank you, our audience, for your attention and support.

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ROBERT V.D. LUFT, CHAIRMAN

Wayn Jamare

J. WAYNE LEONARD, Chief Executive Officer

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Entergy's commitment to financial strength and flexibility can be seen in the improvement in financial metrics since Entergy adopted a back to basics? strategy in 1998. Operational carnings have grown at an

average rate of nearly 14 percent per syears The balance sheet has been strengthened, and we project more than Schillon of cash to be available through the enclot 2006 for new investments, debt/equily repayments, and/or divident linereases.

Entergy has built in an claistrength and dexibility to support a growing dividend and to make break-out growth investments when they become available. We have set the stage for continued strong performance driven by intrinslogrowth, intensified productivity improvements, and the asset acquisition opportunities that Entergy positioned itself to capitire.

# Entergy Corporation – Award-Winning Performance

he focus of this annual report – and of our entire company – is performance. We will detail and assess Entergy's performance in 2003. But first, we're proud to report that Entergy has been honored for its performance with two of the most prestigious awards in our industry. At the Platts/BusinessWeek Global Energy Awards in December 2003, Entergy was named the Global Energy Company of the Year and Wayne Leonard was recognized as the CEO of the Year

Maintaining Financial Growth In July 2003, Entergy's Board of Directors

raised the dividend 29 percent to \$1:80 per share on an annual basis. The higher dividend is based on Entergy's strong earnings growth and cash generation over the past five years. Between 1998 and 2003, as-reported earnings have grown at an average rate of 6 percent per year. Operational earnings – which exclude special items that are included in as-reported earnings in accordance with generally accepted accounting principles – have grown at an average annual rate of nearly 14 percent over the five-year period. Special items are those events that are not routine, are related to prior periods, or are related to discontinued business.

# ON Dec. 17, 1914, THE ARKANSAS LIGHT AND FOWER COMPANY DEGAN

PROVIDING ELECTRICITY TO MALVERN AND ARKADELPHIA, WITH TWO 550-KILOWATT GENERATORS AT A LUMPER MILL AND 22 MILES OF TRANSMISSION LINES. AT THE SAME TIME, SEVERAL RELATED FOLK MUSIC STYLES - INCLUDING BLUES, GOSPEL, MARCHING DANDS, AND NOTIME - WERE BLENDING INTO JAZZ." IN THE YEAR OF SCOTT JOPLIN'S LAST RADTIME SONG, WC HANDY PUBLISHED "ST. LOUIS BLUES," PERHAPS THE MOST POPULAR SONG OF ITS ERA.



### Strong, Balanced Earnings Growth.

In the five years since Entergy adopted a refocused strategy, the company has produced strong earnings growth. Since 1998, operational earnings have increased by a total of 91 percent. All areas of Entergy's business have contributed: the core utility as well as growth initiatives in nuclear generation and energy commodities. Entergy's strategy is to develop multiple sources of continued earnings growth to help ensure consistent performance, no matter what obstacles arise.

The dividend is part of a broader set of financial aspirations that reflect Entergy's financial strength and business prospects, guided by a well-developed market point of view. The overarching financial goal is to achieve and maintain returns to shareholders – a combination of earnings growth and yield – that rank in the top quartile among peers. Our goal is to return cash to shareholders in the most efficient way possible, while maintaining financial flexibility and liquidity to support continued growth in both earnings and the dividend.

We will look to increase the dividend annually consistent with progress toward achievement of our financial aspirations. Those aspirations include maintaining near-term earnings growth of 8-10 percent, comprised of 6 percent intrinsic growth and 2-4 percent growth from asset acquisitions. We also seek long-term growth of 5-6 percent, equal to top-quartile growth in our industry over the last 20 years.

A critical element in realizing these financial aspirations is achieving improvements in productivity. Entergy's financial plans include incremental operation and maintenance cost savings totaling \$145 million, comprised of \$10 million in the utility and \$135 million in Entergy's competitive nuclear business, compared to 2002 baseline amounts. We expect to achieve these productivity improvements by 2006.

In December 2003, Entergy completed a Voluntary Severance Program, designed to achieve necessary staff reductions by offering enhanced severance benefits to eligible employees. A total of 1,100 employees participated. Entergy recorded a one-time after-tax charge of \$123 million in 2003 for the severance costs associated with the VSP, while the staff reductions are expected to produce annual savings of about \$70 million after tax.

# **Environmental and Social Leadership**

Entergy believes that strong financial performance goes hand in hand with serving the best interests of all our stakeholders. That approach was reflected in Entergy's selection for listing on the Dow Jones Sustainability Index for 2004. This is the second consecutive year that Entergy has been listed, one of only three U.S. electric utilities to be included. DJSI-listed companies must not only demonstrate strong financial performance, but must also show outstanding leadership in environmental and social commitment.

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Entergy is committed to reliable cusioner service (2) hours a lay 365 days even fin he past (ve years) Entergy sublities nave made major up grades to reliability building a foundation for constructive regulatory, relations. Service reliability has improved, as the very get requency and dirations of out ages have both dealined by over 45 percent. Chatomer cutability complaints have fallen by a lines (90) percent since 1988.

We ve also taken stops to make three that our willing generating plants are ready to serve customers. Forced putages at utility, ossil plants have been cultimential the past investment and we ve made significant investments in shifterays transmission, system to guard spains the innit of blackous experienced by the Northeast in 2003. Entergy's system thas achieved a 65 percent improvement in the transmission service index a measure or grid reliability, since (1998) This leadership is reflected in Entergy's commitment to meeting the needs of lowincome customers. In November 2003, Entergy hosted more than 300 advocates for the poor and elderly at our annual Low-Income Customer Assistance Summit in Baton Rouge, Louisiana. We initiated the summit in 1999 as a forum for national and regional low-income experts and advocates to identify optional ways we can better serve customers who have low incomes. Previous summits have led to more than \$15 million in grants committed by Entergy to assist low-income agencies.

Entergy demonstrated its leadership in addressing energy industry issues with the establishment of the Entergy-Tulane Energy Institute, in conjunction with Tulane University. This new center of excellence is dedicated to the study of energy markets and institutions, and the related issues of environmental and natural resource management.

In a review of corporate governance at 2,100 companies, Entergy was one of 22 companies worldwide that received a score of 10.0, the highest rating possible. The ratings by GovernanceMetrics International were released in February 2004.

IN NOVEMBER 1925, THE LOUISIANA POWER (OMPANY – WHICH HAD BEEN FORMED TO TAKE ADVANTAGE OF ABUNDANT NATURAL GAS FOUND IN THE STATE – OPENED THE 30,000-KILOWATT STERLINGTON STATION, THE LARGEST POWER PLANT SOUTH OF ST. LOUIS. IN THOSE DAYS THE ELECTRIC MICROPHONE WAS

> CHANDING THE NATURE OF VOCAL MUSICAL PERFORMANCE, AND ONE OF THE LAST POPULAR SINGERS TO PROJECT HER POWERFUL VOICE WITHOUT THE AID OF AMPLIFICATION WAS BESSIE SMITH. HER DEBUT RECORDING OF "GULF COAST BLUES" IN 1923 SOLD

> > 750,000 (0715)

Outage Frequency (average number per customer per year) Outage Duration (average minutes per customer per year) Transmission Service Index (megawatt-hours not served)



# Demonstrated Commitment to Reliability.

Over the past five years, Entergy has invested \$1.5 billion above depreciation to improve the reliability of our electric distribution system. This investment has significantly improved the reliability of the electric service we provide our utility customers, in terms of both the average frequency and the average duration of outages per customer per year. We've also significantly improved the reliability of our transmission system, as measured by the transmission service index.

# Utility – Performing Daily for Customers



ntergy's utility business remains focused on the customer, and on delivering reliable low-cost energy service every day. In 2003, we made progress in securing efficient, low-cost generating resources and continued to improve system reliability.

# Dependable, Economical Power Supply

Entergy has developed innovative approaches to save money for customers in the way we acquire generation to meet their needs.

In 2003, we held down the cost of power for our customers, in spite of high prices for the natural gas we use for 26 percent of our electric generation. We also acquired over 1,600 MW of long-term and short-term power resources at competitive rates, through a Generation Supply Plan we crafted with regulators.

Costs associated with the Supply Plan – new generation resources and power purchase agreements acquired to meet customer needs – are offset by fuel savings, as we displace more expensive purchased power and generation from less efficient sources.

Most notably, we reached agreement in January 2004 to acquire a natural gas-fired power plant in Perryville, Louisiana, from Cleco Corporation. The acquisition will add 718 MW of highly efficient generation to serve our Louisiana customers. The purchase of the plant is expected to be completed by late 2004, contingent on necessary legal and regulatory approvals, including full cost recovery for Entergy.

The Supply Plan was designed to meet the need for additional power supplies of 2,000 MW to 4,800 MW between 2003 and 2012 to serve our utility customers. Our objective is to provide customers the benefits available from a competitive wholesale power market, while maintaining reliability and limiting exposure to fuel price and market risks.

As a part of this plan, we carefully developed a process to issue Requests for Proposals for generation supplies and to evaluate bids submitted through this process. To ensure the objectivity and impartiality of the RFP process, we retained an independent monitor. By yearend 2003, we completed four rounds of RFPs and evaluated proposals for over 45,000 MW of power resources.



Entergy's overarching financial goal is to achieve and maintain returns to shareholders that rank in the top quartile of our peer group each year – and to rank first in our industry in long-term total shareholder return. In 2003, Entergy was honored by the Edison Electric Institute for achieving this goal over the past five years, providing the highest return among all large-cap companies included in EETs Index of Shareholder-Owned Electric Utilities.

From year-end 1998 through 2003, Entergy returned over \$2.5 billion in cash to shareholders, through both dividends and a stock repurchase. This amount is equivalent to 70 percent of earnings over the five-year period. In July 2003, Entergy's Board of Directors raised the dividend 29 percent to \$1.80 per share on an annual basis. Reliability, Safety, and Service

Entergy's utilities continually work to improve reliability, safety, and service to our customers and communities. In 2003, measures of the average frequency and duration of outages improved 12 percent each, from the previous year. Customer complaints to regulators declined by 35 percent.

We reduced the number of employee losttime accidents by 12 percent, from 34 in 2002 to 30 in 2003. Ten Entergy generating plants have earned Voluntary Protection Program Star status from the Occupational Safety and Health Administration for protecting employees' health and safety, with the Pilgrim and Nelson plants added in 2003. For the fifth consecutive year, Entergy was named by the nation's retail chains for offering the best overall customer service in the Edison Electric Institute's annual Customer Service Awards. And in a 2003 survey of the nation's largest energy users, Entergy ranked seventh in overall customer service among 61 utilities, up from 21st the year before.

PURING THE DEPRESSION IN THE 1930S, MANY UTILITY CUSTOMERS HAD TO DISCONTINUE SERVICE, AND UTILITIES PACED SEVERE FINANCIAL PRESSURES. BUT ALL OF THE UTILITIES THAT MAKE UP ENTERBY SURVIVED INTACT, WHILE A NUMBER OF MAJOR UTILITIES DID NOT. AT THAT SAME TIME, JAZZ PERFORMERS WERE REACHING LISTENERS COAST TO COAST THROUGH RADIO AND THE MODERN JUKEDOX. MOVIES WITH SOUND ALLOWED AUDIENCES NATIONWIDE TO SEE AND HEAR MUSICIANS SUCH AS LOUIS ARMSTRONG AND DUKE ELLINGTON. THE FIRST COMMERCIALLY SUCCESSFUL ELECTRIC GUITAR, THE "FRYING AN, WENT INTO PRODUCTION IN 1931.

Once again in 2003 Entergy employees met the challenge of a major storm in our service area. In June, Tropical Storm Bill left nearly 150,000 Entergy customers without power, mostly in the New Orleans area. Entergy employees were also honored with EEI's Emergency Assistance Award for their efforts to restore power after Hurricane Isabel in Maryland and Virginia.

In September 2003, Entergy's Teamwork Arkansas was recognized by *Site Selection* magazine for the best record of all the North American utility companies in the number of jobs the company helped create per capita.

# **Positive Regulatory Environment**

Entergy's focus on efficiency, reliability, and service has led to improved regulatory relationships, and the opportunity to earn (99-03;%) (12 mos. ended 1 Q98-4 Q03;%) 119 4.21 4.50 4.21 4.50 6.07 6.56 5.79 13 (3) 10 20 30 40 40 40 40 40 40 40 40

**Return on Invested Capital** 

98

99 00 01

02 03

ETR S&P S&P Electric 500 Utilities

**Total Shareholder Return** 

# **Outperforming the Market in Shareholder Returns**

Over the last five years Entergy has delivered a total return to shareholders – dividends plus stock price appreciation – of 119 percent. During that same period, the S&P 500 returned a negative 3 percent and the S&P Electric Utilities Index returned 13 percent. To support higher returns for shareholders, Entergy has focused on improving the company's return on invested capital. Between mid 1998, when we adopted a refocused strategy, and 2003. Entergy increased ROIC by 64 percent

98 98 98

improved returns on the investments we have made to serve customers. **NEW ORLEANS** – Entergy New Orleans obtained a \$30.2 million retail rate increase and the opportunity to earn a higher return on equity under a two-year formula rate plan.

Entergy New Orleans reported a loss in 2002 and faced a possible credit downgrade prior to the rate settlement.

The settlement included the ability for Entergy New Orleans to earn above its allowed ROE through incentives to acquire generation resources at prices that produce savings for

customers. These generation resource agreements became effective on June 1, 2003, subject to refund pending approval from the Federal Energy Regulatory Commission, which we anticipate in fourth quarter 2004.

**ARKANSAS –** In May 2003, the Arkansas Public Service Commission concluded that planned replacements of the steam generator and reactor vessel head for Arkansas Nuclear One Unit 1 were in the best interest of Entergy Arkansas customers. The \$235 million replacement project is expected to be complete in fall 2005. This advance vote authorizing an investment of this magnitude offers support for future regulatory cost recovery.

# **Performance Review**

### **Club Utility**

A solid performance that combined perennial crowd-pleasers (cutting costs) with some new numbers (at Entergy New Orleans) and creative renditions (generation supply plans).

2003 Goals (in 2002 Annual Report)	2003 Performance
Make significant progress towards	Realized significant process
achieving top-quartile cost	efficiencies such that our voluntary
performance by identifying and	severance program resulted in over
implementing process efficiencies.	250 utility employee reductions.
Gain approval for a rate increase at	Obtained a \$30.2 million retail rate
Entergy New Orleans that allows	increase and an ROE midpoint of
the company to earn a fair return	11.25 percent under a two-year
on its investment.	formula rate plan.
Move our generation supply plan	Generation supply plan
in Louisiana forward and introduce	incorporated in New Orleans
performance incentives into the	settlement and in rate case filed by
rate of return formulas by year-end.	Entergy Louisiana in January 2004

Rating: \*\*\*

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Our point of view is instrumental to our performance, so we must make sure it's in tune with the fundamentals of the environment in which we operate. Here's how we see some key issues now:

ELECTRICITY PRICES: Merchant generation overcapacity will continue, and improved performance of coal and nuclear units will meet a portion of demand growth. In this market, we can purchase low-cost power for our utility customers.

GAS PRICES: Gas prices and volatility will remain above in historical norms for several years. The utility will have to focus on recovery of high fuel costs, but these market conditions create opportunities for trading.

**INDUSTRY STRUCTURE:** With the right transmission pricing signals – especially locational marginal pricing – we won't need additional incentives for investment in the transmission grid to serve the market and prevent future blackouts

GENERATION ASSETS; Merchant plants are overpriced, as owners remain unwilling to take write-offs. But as the generation glut continues; second owner' opportunities will become available to companies that are ready. In early 2003, the Arkansas Electric Consumer Choice Act was repealed, ending plans to move to a competitive retail market for electricity in the state. The repeal provides us much greater certainty in planning for the needs of our Arkansas customers, after nearly five years in an environment of uncertain progress toward deregulation.

TEXAS - In recent months, Entergy Gulf, States has won key approvals from state and federal regulators to move toward retail. competition in our Texas territory which has been in limbo since 2001. By approving the rules for open access in our territory, regulators have set the stage for a pilot program later this year. This brings us closer to resolution of the issue and the opportunity to improve upon sub-standard financial results in our Texas service area, where base rates have been frozen since 1999. If the Public Utility Commission of Texas ultimately approves retail open access competition could begin in the first half of 2005. If the PUCT decides against competition, Entergy will file in Texas for an increase in our regulated rates.

IN 1949, HUDDLE SOUTH UTILITIES WAS FORMED AS A NOLDING COMPANY FOR ARKANSAS TOWER AND LIGHT, LOUISIANA TOWER AND LIGHT, HISSISSIPPI TOWER AND LIGHT, AND NEW ORLEANS TUBLIC SERVICE. IN THESE LAST DAYS OF THE GOLDEN AGE OF RADIO, THE

> LOUISIANA HAYRIDE BEBAN BROADCASTING COUNTRY MUSIC IN 1948. The Hayride became a "(RADLE OF THE STARS)" HELPING LAUNCH HANK WILLIAMS, SLIM WHITMAN, ELVIS PRESLEY, JOHNNY (ASH; GEORGE JONES; AND OTHERS:

# Nuclear – Talented Cast, Outstanding Production

s the nation's second-largest nuclear generator with 10 units totaling nearly 9,000 MW, Entergy has broad, deep expertise. We're applying that expertise to increase production and reduce costs at our own plants, and to provide management and decommissioning services to other nuclear owners.

# **Building a Nuclear Services Business**

Entergy Nuclear opened up a new avenue of growth when the Nebraska Public Power District selected Entergy over other nuclear operating companies to provide management services to the Cooper Nuclear Station. Entergy began managing the 800 MW plant in October 2003.

Providing management services to nuclear owners represents another way – in addition to acquisitions – that we can grow revenues and earnings from the nuclear business. The Cooper contract will provide Entergy \$10-20 million in annual earnings in a business that requires no capital investment, while providing NPPD's customers the benefits of more efficient operations and lower costs.

Our management contract at Cooper is a model we believe that other nuclear owners will find attractive. We have ample expertise within Entergy to supply management services to more plants. In the future, we hope to secure additional plant management contracts that not only provide a source of income but also include a right of first refusal should the plant be sold.

# Setting the Stage for Further Growth

Entergy is taking steps to maintain growth in our nuclear business by increasing capacity, reducing costs, securing cash flows, and extending the lives of our plants.

In 2003, Entergy completed uprates that added 46 MW of nuclear capacity to our Northeast fleet, and we plan 110 MW of additional uprates in 2004. As a general rule of thumb, we can increase earnings by about 1 percent for every 50 MW of nuclear uprates.

Entergy Nuclear has a productivity improvement target to reduce annual operation and maintenance expenses by \$135 million by 2006 compared to 2002 baseline amounts. We took a big step when we completed the Voluntary Severance Program in December 2003. Almost 375 nuclear employees in the Northeast participated, producing annual savings of nearly \$26 million after tax from reduced staffing. We carefully identified and timed staff reductions to ensure the continued safety, security, and reliability of our nuclear plants.

We continue to reduce the time that nuclear plants are off line for refueling by performing more maintenance work while plants are operating, and by better planning and preparation in advance of outages. In October 2003, ANO Unit 2 completed the shortest and

# Performance Review

# **Club** Nuclear

Virtuoso performance in every way from hitting the high notes on productivity to building the power through successful uprates – and closing the deal on forward sales.

2003 Goals	2003 Performance
(in 2002 Annual Report)	
Continue to improve productivity at Northeast plants, reducing average fleet operating costs.	Achieved average production costs of \$20/MWh, 31 percent below \$29/MWh prior to Entergy ownership.
Sell or hedge at least 75 percent of 2005 output and 50 percent of 2006 output from our Northeast plants by year-end 2003.	Reached agreements to sell forward 54 percent of 2005 output and 45 percent of 2006 output.
Increase output at Pilgrim and Indian Point 2 through power uprates scheduled for 2003, on time and on budget.	Completed 14 MW uprates at IP 2 and IP 3 and 18 MW uprate at Pilgrim in 2003. Additional 44 MW uprate scheduled for IP 2 in 2004.

Rating: XXXX





Nuclear margy provides over 20 percents of America's addition mediation of the antistopic of the antistopic of the antistopic samplimatical during antistopic of the antistopic of the antistopic low costs nuclear, generating admissible of a spanning the angoly of algorithmeters generation day increasing the appletive doute algorithmeters generation day increasing the appletive doute algorithmeters generation and the association of the algorithmeters generation and the association of the algorithmeters and the antibation of the association of the algorithmeters and the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the algorithmeters and the association of the association of the association of the algorithmeters and the association of the association of the association of the algorithmeters and the association of the association of the association of the algorithmeters and the association of the association

Entergy has strack recorded improving operations alongerperforming anticless dance. We want operations the operation of the local operation of the last work to guing the local operation of the rectness is a strategy of the local is a strategy of the Northers is a strategy of the local is a strategy of the Northers is a strategy of the local is a strategy of the Northers is a strategy of the local is a strategy of the Northers is a strategy of the local is a strategy of the local is a strategy of the Northers is a strategy of the local is a strategy of the

with costs balons interpy ownership, while manusining the ughtsit (innersholes) if it or amployegs mit he public safest refueling outage in ANO history. The 20-day outage also beat ANO's own world record for nuclear reactors of its type. An Entergy Nuclear team saved an estimated \$13 million and 12 days of additional downtime by inventing a mechanical seal used during outages. The invention earned a Top Industry Practice Award from the Nuclear Energy Institute in 2003. During 2003, Entergy Nuclear completed the forward sale of all planned generation in 2004 from its plants in the Northeast. As of December 2003, Entergy Nuclear had contracts to sell 54 percent of its planned generation in 2005, 45 percent in 2006 and 28 percent in 2007. In October 2003, Entergy Nuclear's dedicated license renewal team submitted an application with the Nuclear Regulatory Commission to extend the operating license for Arkansas Nuclear One Unit 2 from 2018 to 2038. Working with Framatome-ANP, the team is also providing license renewal

application services for three plants owned by other companies.

IN 1968, A CONSTRUCTION PERMIT WAS GRANTED FOR ARKANSAS NUCLEAR ONE UNIT 1, TO DE DUILT NEAR Russellville. IN THE NEXT SEVERAL YEARS, THE COMPANY ANNOUNCED PLANS FOR TWO MORE NUCLEAR PLANTS: WATERFORD 3 IN LOUISIANA AND GRAND GULF IN MISSISSIPPI. A DOMINANT MUSICAL FORCE AT

> THE TIME WAS THE "BRITISH INVASION. LED BY THE BEATLES IN 1964, IT BREW UPON ORIGINAL AMERICAN SOUTH FORMS - BLUES, COUNTRY, (AJUN, RAGTIME, AND JAZZ -AND BROUGHT

> > THEM BACKS REVITALIZING American Popular music and Reinventing Rock AND Roll.

Achieving New Levels of Operational Excellence. Entergy has improved operations and reduced costs in our Northeast fleet – the five nuclear units we acquired between 1999 and 2002. In 2003, Entergy achieved average production costs of \$20/MWh, 31 percent below an average cost of \$29/MWh prior to Entergy ownership. We have also increased the plants' average capacity factor – the percentage of potential generation actually produced by a plant – by 19 percent under Entergy ownership. We're striving to reach the performance levels of our Southern fleet – while continually raising that bar.



Southern Fleet in 03 = \$15/MWh

Before ETR 03 Ownership Southern Fleet in 03 = 97%

# Safety, Security at Indian Point

In 2003, Entergy took several steps to ensure the continued safety and security of our Indian Point Energy Center north of New York City.

The Nuclear Regulatory Commission improved its safety rating of Indian Point 2, removing the "yellow finding" that was given to IP 2 in the fall of 2001. The NRC has now removed both "red" and "yellow" findings at IP 2, officially reflecting improvements in safety at the plant since Entergy purchased it.

In order to enhance the skills and demonstrate the capabilities of its security officers, Indian Point volunteered to be among the first nuclear sites in the nation to take part in a pilot program of force-on-force security exercises conducted by the NRC. The exercises, which were conducted at Indian Point in the summer of 2003, are designed to examine recent security enhancements added at the nation's nuclear power plants to protect against an expanded terrorist threat.

The NRC's certification for emergency plans at Indian Point in 2003 reaffirmed the Commission's support of the facility's critical position in the region and its safe operational and security processes.

# Entergy-Koch – Balanced, Steady Performer

n 2001, Entergy strengthened its energy marketing and trading capabilities with the launch of Entergy-Koch, LP, a joint venture with Koch Industries. Since that time, EKLP has contributed \$343 million to Entergy earnings, with profitability year after year in its combined energy trading and gas pipeline operations. In 2003, Entergy-Koch's strong balance sheet began providing a new source of cash flow to Entergy, as we received the first \$100 million in dividends from EKLP.

# **Consistent Results in Trading**

Entergy-Koch Trading's contribution to Entergy's earnings rose by 122 percent in 2003, compared with the previous year. The improved earnings have not compromised EKT's conservative risk profile as its daily earnings at risk – a measure of risk in trading operations – rose by only 26 percent in 2003 compared to 2002.

# Sources of Generation

Gas/Oil 30%



Entergy's generating fleet is one of the cleanest in the nation. Almost 80 percent of Entergy's power comes from clean nuclear and natural gas generation. As a result, emissions of sulfur dioxide, nitrogen oxide, and mercury from Entergy plants are far below the industry average.

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Entergy-Koch, LP hasn't missed i beat since libegan operations in 2001 = making money in all kinds of market conditions. EKEP combines significant earnings upside from disciplined trading operations with more predictable revenues from its gas pipeline business to provide a consistent contribution to Entergy, earnings in 2003. EKEP also paid its first cash dividends = \$100 million = to Entergy.

Entergy-Koch IIrading balances point-ofview energy drading with more stable earnings from a growing physical optimization business that manages customers owned power plants and gas distribution systems - EKIT-has turned in a positive ratio of gain days to loss days every year since it began operations

At the same time. EKT has built more predictable revenues from customer businesses. EKT applies its expert knowledge of energy markets to help the owners of electric power plants and gas distribution systems manage the commodity risks associated with their assets. EKT has positioned itself for further growth with a high-quality credit rating and a fundamental, quantitative analytical approach to managing its trading business. Entergy-Koch has credit ratings of A from Standard & Poor's and A3 from Moody's - the only A-rated energy trading company without a parent guarantee. EKT's approach to trading is to create a proprietary advantage based on more accurate and rigorous analysis. EKT has strong risk control and compliance structures and processes, with two-thirds of its resources dedicated to mid- and back-office functions. EKT minimizes risk by trading in short-term, liquid markets and by dealing with high-quality counterparties.

A Growing Customer Business EKT continues to focus on growing its stable customer business to complement its point-ofview trading. EKT adds value to customerowned assets – electric generation and gas storage and transportation – to reduce their

IN MAY 1989, MIDDLE SOUTH UTILITIES DECAME ENTERBY CORPORATION, AND A PEW YEARS LATER, THE MERGER WITH GULF STATES UTILITIES COMPLETED THE CURRENT ENTERBY SERVICE AREA. IN 1998, ENTERBY WENT "DACK TO DASICS" IN PROVIDING RELIABLE SERVICE TO UTILITY CUSTOMERS AND DEVELOPING CORPETENCIES

> AT ENTERBY NUCLEAR AND ENTERBY-KOCH. BY THIS TIME MUSIC HAD COME FULL CIRCLE, TOO, WITH THE REVIVAL AND PRESERVATION OF STYLES PAST FROM RAWTIME TO NEW ORLEANS JAZZ TO BLUES, (AJUN, ZYPECO, BLUEBRASS, SWING ERA JAZZ, CADARET SINGING, AND MORE.

costs and risk. In 2003, EKT expanded this physical optimization business by adding 3,640 MW to its management portfolio in the United States. This increases revenues from a repeatable, lower-risk customer management business. As EKT expands its presence in the marketplace, it can demonstrate its capabilities to asset owners with similar physical optimization needs.

With the latest additions to its physical optimization business, EKT now manages commodity positions for a total of 9.8 gigawatts of generation and 149 BCF of gas storage in the United States. EKT also manages 1.2 gigawatts of generation in Europe, and the company is working to expand its trading capabilities and physical optimization there, with a goal of building operations to the level of the U.S. business.

# Entergy-Koch Trading U.S. Assets Under Management (MW)



# Growing Our Customer Business.

Entergy-Koch Trading expanded its physical optimization business with the addition of 3,640 MW to its U.S. management portfolio in 2003. Growing EKT's management of customer-owned power plants and gas distribution systems in both the United States and Europe is a key initiative for Entergy-Koch.

# **Gulf South Focus on Productivity**

Results at Gulf South Pipeline suffered from a 17 percent decline in throughput in 2003, as higher gas prices led industrial and power plant customers to switch to fuel oil or competitive carriers. Average production costs increased 55 percent from the prior year, mainly as a result of incremental legal and consulting expenses incurred primarily in connection with Gulf South's defense of a

lawsuit which it believes has no merit.

Gulf South's diversified customer base – with no customer class accounting for more than 35 percent of revenues – helped to moderate the throughput decline. Gulf South's storage capabilities also reduced the impact of higher gas prices. The higher volatility associated with high gas prices increases storage utilization, as customers seek greater flexibility to respond to the market. Gulf South's storage revenues increased 23 percent over the previous year.

To improve its performance in 2004 and beyond, Gulf South will continue to focus on reductions in production costs. In addition, a recent increase in firm pipeline transportation rates should improve 2004 results.

In 2003, the Mastio rankings placed Gulf South among the top five of the nation's largest pipelines for meeting commitments to customers. The ranking enhances Gulf South's credibility among the country's leading gas pipeline supply companies.

# **Performance Review**

# Club E-K

The trading business delivered a stellar performance while Gulf South was out of the groove – a mixed review for a combo whose past performances have raised audience expectations.

2003 Performance					
Increased physical optimization earnings by 27 percent; added 3,640 MW under management; on track to double business by year- end 2005.					
Continued efforts on distribution channels; growth-to-date has been slower than expected.					
Recorded higher production costs due in part to higher fuel costs and legal expenses.					
Completed on time and on budget in October 2003, but subsequent problems have delayed operations.					



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PREVIEW OF



2. Begin retail open access in Texas, with a target start date not expected before the first quarter of 2005, and a goal of building a sustainable Texas business that can generate annual earnings of \$100 million or more over the long term.

3. Maintain top-line growth in the a nuclear business. Toward this end, we will:

sell forward 100 percent of planned 2005 generation from our Northeast plants by mid-2004, and 75 percent
of 2006 generation by year end.
execute two to three new nuclear
services operating contracts with third-party nuclear owners by the end of 2006.

4. Improve results from Entergy-Koch. Goals include:

 doubling 2002 U.S. assets under management in EKT's physical optimization business by year-end 2005.

growing European trading operations to rival our U.S. trading business.
5. Achieve productivity improvements of \$145 million by 2006, including reductions in reported O&M expense (including refueling) of \$10 million at the utility and \$135 million in the nuclear business compared to 2002 baseline amounts.

# FORWARD BOOHING INDORWATON

From time to time, Entergy makes statements concerning its expectations, beliefs plans, objectives, goals, strategies, and future events or performance. Such statements are "forward-looking statements" within the meaning of the Private' Securities Litigation Reform Act of 1995. Although Entergy believes that these forward-looking statements and the underlying assumptions are reasonable, it cannot provide assurance that they will prove correct. Except to the extent required by the federal securities laws, Entergy undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Forward-looking statements involve a number of risks and uncertainties, and there are factors that could cause actual results to differ materially from those expressed or implied in the statements. Some of those factors (in addition to others described elsewhere in this report and in subsequent securities filings) include:

resolution of pending and future rate cases and negotiations, including various performance-based rate discussions, and other regulatory decisions, including those related to Entergy's System Agreement and utility supply plan Entergy's ability to reduce its operation and maintenance costs, particularly at its Non-Utility Nuclear generating facilities, including the uncertainty of negotiations with unions to agree to such reductions • the performance of Entergy's generating plants, and particularly the capacity factors at its nuclear generating facilities prices for power generated by Entergy's unregulated generating facilities, the ability to extend or replace the existing purchased power agreements for those facilities, including the Non-Utility Nuclear plants, and the prices and availability of power Entergy must purchase for its utility customers Entergy's ability to develop and execute on a point of view regarding prices of , electricity, natural gas, and other energy related commodities

Entergy-Koch's profitability in trading physical and financial natural gas and power as well as other energy and weather-related contracts changes in the number of participants in the energy trading market, and in their creditworthiness and risk profile changes in the financial markets, particularly those affecting the availability of capital and Entergy's ability to refinance existing debt and to fund investments and acquisitions actions of rating agencies, including changes in the ratings of debt and preferred stock changes in inflation and interest rate Entergy's ability to purchase and sell assets at attractive prices and on other attractive terms changes in ownership of joint ventures volatility and changes in markets for electricity, natural gas, uranium, and other energy-related commodities changes in utility regulation, including the beginning or end of retail and whole sale competition, the ability to recover net utility assets and other potential stranded CHILL WE WAR AND THE 1. 2. 1. 1. 

	NONECTAND TOCAND RECONCILIANTON Earnings Per Share 1998 1999 2000 2001 2002 2003
4	Earnings Per Share 2002 1998 1999 2000 2001 2002 2003
Ì,	As-Reported \$ 3.00 \$ 2.25 \$ 2.97 \$ 3.23 \$ 2.64 \$ 4.01
	Special Items \$ \$ (0.78) \$ (0.08) \$ 0.15 \$ - \$ 1.17 \$ 0.24
	Operational \$ 2.22 \$ 2.17 \$ 3.12 \$ 3.23 \$ \$3.81 \$ \$4.25
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# CONTRACTOR

Five-Year Summary of Selected Financial and Operating Data Management's Financial Discussion and Analysis T. Report of Management D Independent Auditors' Report Consolidated Statements of Income Consolidated Statements of Retained Earnings, Comprehensive Income and Paid-In Capital Consolidated Balance Sheets I Consolidated Statements of Cash Flows I Notes to Consolidated **Financial Statements** 

costs, and the establishment of a regional transmission organization that include Entergy's utility service territory changes in regulation of nuclear generating facilities and nuclear materials and fuel, including possible shutdown of Indian Point or other nuclear generating facilities resolution of pending or future applications for license extensions of nuclear generating facilities changes in law resulting from proposed energy legislation changes in environmental, tax, and other laws, including requirements for reduced emissions of sulfur, nitrogen, carbon, mercury, and other substances • the economic climate, and particularly growth in Entergy's service territory variations in weather, hurricanes, and other disasters advances in technology the notential impacts of threatened or actual terrorism and war the success of Entergy's strategies to reduce current tax payments the effects of litigation changes in accounting standards. corporate governance, and securities law requirements Entergy's ability to attract and retain

talented management and directors.

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In thousands, except percentages and per share amounts	2003	2002	2001	2000	1999
SELECTED FINANCIAL DATA AS REPORTED:					
Operating revenues	\$ 9,194,920	\$ 8,305,035	\$ 9,620,899	\$ 10,022,129	\$ 8,765,635
Income before cumulative					
effect of accounting changes	\$ 813,393	\$ -623,072	\$ 727,025	\$ 710,915	\$ / 595,026
Earnings per share before cumulative					
effect of accounting changes					
Basic	\$ 3.48	\$ . 2.69	<sup>2</sup> \$ 3.18	\$	\$ 2.25
Diluted	\$ 3.42	\$ 2.64	\$ 3.13	\$ 2.97	\$ 2.25
Dividends declared per share	<b>\$</b> 1.60	\$ 1.34	\$ 1.28	\$ 1.22	\$ 1.20
Book value per share, year-end	\$ 38.02	\$ 35.24	\$ 33.78	\$ 31.89	\$ 29.78
Common shares outstanding:					
At year-end	228,898	222,422	220,733	219,605	239,037
Weighted average - basic	226,804	223,047	220,944	226,580	245,127
Weighted average - diluted	231,146	227,303	224,734	228,541	245,327
Total assets	\$28,554,210	\$27,504,366	\$25,910,311	\$25,451,896	\$22,969,940
.ong-term obligations <sup>(a)</sup>	\$ 7,497,690	\$ 7.488.919	\$ 7,743,298	\$ 8,214,724	\$ 7,252,697
Preferred and preference stock	\$ 355,189	\$ 358,664	\$ 360,522	\$ 400,446	\$ 558,105
ong-term debt		ζ.Ψ., 000,004 .		Ψ. 100,110	
(excluding currently maturing debt)	\$ 7,322,940	\$ 7,308,649	\$ 7,321,028	\$ 7,732,093	\$ 6,612,583
Return on average common equity	11.21%	7.85%	10.04%	9.62%	7.77%
Cash from operations	\$ 2,005,820	\$ 2.181.703	\$ 2,215,548	\$ 1,967,847	\$ 1,389,024
DOMESTIC UTILITY ELECTRIC REVENUES:					
Residential	\$ 2,682,802	\$ 2,439,590	\$ 2,612,889	\$ 2,524,529	\$ 2,231,091
	1,882,060	1,672,964	1,860,040	1,699,699	¢ 2,201,001
	2,081,781	1,850,476		2,177,236	1,878,363
ndustrial	and the state of the second state of the secon	The second second second second second	2,298,825 205,054	185,286	1,878,505
<b>Fovernmental</b>	194,998	179,508		6,586,750	5,775,124
Total retail	6,841,641	6,142,538 330,010	6,976,808 395,353	423,519	397,844
Sales for resale	371,646	Ser and the second was set		and the second	98,446
Dther Total	183,888 4 \$ 7,397,175	173,866 \$ 6,646,414	(127,334) \$ 7,244,827	\$ 7,219,686	\$ 6.271.414
DOMESTIC UTILITY ELECTRIC SALES:		1			
Millions of KWh)					
Residential	32,817	32,581	31,080	31,998	30,631
Commercial	25,863	25,354	24,706	24,657	23,775
ndustrial	38,637	41,018	41,577	43,956	43,549
Governmental	2,651	2,678	2,593	2,605	2,564
Total retail	99,968	101,631	99,956	103,216	
Sales for resale	9,248	9,828	8,896	9,794	9,714
Total	109,216	111,459	108,852	113,010	110,233

(a) Includes long-term debt (excluding currently maturing debt), preferred stock with sinking fund, preferred securities of subsidiary trusts and partnership, and noncurrent capital lease obligations.

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# MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS

Entergy Corporation is an investor-owned public utility holding company that operates primarily through three business segments.

• U.S. UTILITY generates, transmits, distributes, and sells electric power, with a small amount of natural gas distribution.

NON-UTILITY NUCLEAR owns and operates five nuclear power plants and sells the electric power produced by those plants to wholesale customers. This business also provides services to other nuclear power plant owners.
 ENERGY COMMODITY SERVICES provides energy commodity trading and gas transportation and storage services through Entergy-Koch, LP. Energy Commodity Services also includes Entergy's non-nuclear wholesale assets business, which sells electric power produced by those assets to wholesale customers while it focuses on selling the majority of those assets.

Following are the percentages of Entergy's consolidated revenues and net income generated by these segments and the percentage of total assets held by them:

	9	6 of Revenu	e
Segment	2003	2002	2001
U.S. Utility	82	82	77
Non-Utility Nuclear	. 14	14	8
Energy Commodity Services	2	4	. 14
Parent & Other	2	_	<u>i</u>
	%	of Net Inco	me
Segment	2003	2002	2001
U.S. Utility	52	97	77
Non-Utility Nuclear	32	32	17
Energy Commodity Services	19	(23)	14
Parent & Other	(3)	(6)	(8)
	% (	of Total Ass	ets
Segment	2003	2002	2001
U.S. Utility	79	79	78
Non-Utility Nuclear	15	16	13
Energy Commodity Services	. 7	8	. <b>9</b>
Parent & Other	(1)	(3)	1997 - <b>1</b> 997 - <b>1</b> 99

# **RESULTS OF OPERATIONS**

Earnings applicable to common stock for the years ended December 31, 2003, 2002, and 2001 by operating segment are as follows (in thousands):

2003	2002	2001
\$469,050	\$583,251	\$550,243
300,799	200,505	. 127,880
180,454	(145,830)	. 105,939
(23,360)	(38,566)	(57,866)
\$926,943	\$599,360	\$726,196
	\$469,050 300,799 180,454 (23,360)	\$469,050 \$583,251 300,799 200,505 180,454 (145,830) (23,360) (38,566)

Entergy's income before taxes is discussed according to the business segments listed above. Earnings for 2003 include the \$137.1 million net-of-tax cumulative effect of changes in accounting principle that increased earnings in the first quarter of 2003, almost entirely resulting from the implementation of Statement of Financial Accounting Standards (SFAS) 143. Earnings were negatively affected in the fourth quarter of 2003 by voluntary severance program expenses of \$122.8 million net-of-tax. As part of an initiative to achieve productivity improvements with a goal of reducing costs, primarily in the Non-Utility Nuclear and U.S. Utility businesses, in the second half of 2003 Entergy offered a voluntary severance program to employees in various departments. Approximately 1,100 employees, including 650 employees in nuclear operations from the Non-Utility Nuclear and U.S. Utility businesses, accepted the offers.

Earnings for 2002 were negatively affected by net charges (\$238.3 million net-of-tax) reflecting the effect of Entergy's decision to discontinue additional greenfield power plant development and asset impairments resulting from the deteriorating economics of wholesale power markets principally in the United States and the United Kingdom. The net charges are discussed more fully below in the Energy Commodity Services discussion. See Note 12 to the consolidated financial statements for further discussion of Entergy's business segments and their financial results in 2003, 2002, and 2001.

# **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

# U.S. UTILITY

The decrease in earnings for the U.S. Utility for 2003 from \$583 million to \$469 million was primarily due to a \$107.7 million (\$65.6 million net-of-tax) accrual of the loss that would be associated with a final, non-appealable decision disallowing abeyed River Bend plant costs; \$99.8 million (\$70.1 million net-of-tax) of charges recorded in connection with the voluntary severance program; and the \$21.3 million net-of-tax cumulative effect of a change in accounting principle that reduced earnings at Entergy Gulf States in the first quarter of 2003 upon implementation of SFAS 143. See "Critical Accounting Estimates - SFAS 143" below for discussion of the implementation of SFAS 143. Partially offsetting the decrease in earnings were decreased interest charges and increased net revenue.

The increase in earnings for the U.S. Utility for 2002 from \$550 million to \$583 million was primarily due to an increase in net revenue and a decrease in interest charges, partially offset by increases in depreciation and amortization expenses and other operation and maintenance expenses.

# Net Revenue

### 2003 COMPARED TO 2002

Net revenue, which is Entergy's measure of gross margin, consists of operating revenues net of: 1) fuel, fuel-related, and purchased power expenses; and 2) other regulatory credits. Following is an analysis of the change in net revenue comparing 2003 to 2002 (in millions):

· . · ·		; · ·
2002 net revenue		 \$4,209.6
Base rate increases	i e i	 66.2
Base rate decreases		 (23.3)
Fuel price		 . 56.2
Asset retirement obligation	· · · ·	42.9
Net wholesale revenue		23.2
March 2002 Arkansas settlem	ent agreement	(154.0)
Other		· (6.3)
2003 net revenue		 \$4,214.5
Personal de la construcción de l		 

Base rates increased net revenue due to base rate increases at Entergy Mississippi and Entergy New Orleans that became effective in January 2003 and June 2003, respectively. Entergy Gulf States implemented base rate decreases in its Louisiana jurisdiction effective June 2002 and January 2003. The January 2003 base rate decrease of \$22.1 million has a minimal impact on net income due to a corresponding reduction in nuclear depreciation and decommissioning expenses associated with the change in accounting estimate to reflect an assumed extension of River Bend's useful life.

The fuel price variance is due to a revised estimate made in December 2002 of the fuel cost component of the price applied to unbilled sales and further revision of that estimate in the first quarter of 2003. The asset retirement obligation variance is due to the implementation of SFAS 143, "Accounting for Asset Retirement Obligations," adopted in January 2003. See "Critical Accounting Estimates" for more details on SFAS 143. The increase is offset by increased depreciation and decommissioning expenses and has no effect on net income.

The increase in net wholesale revenue is primarily due to an increase in sales volume to municipal and cooperative customers.

The March 2002 settlement agreement variance reflects the absence in 2003 of the effect of recording the ice storm settlement approved by the Arkansas Public Service Commission (APSC) in 2002. This settlement resulted in previously deferred revenues at Entergy Arkansas per the transition cost account mechanism being recorded in net revenue in the second quarter of 2002. The decrease is offset by a corresponding decrease in other operation and maintenance expenses and has a minimal effect on net income.

**Gross Operating Revenues and Regulatory Credits** Gross operating revenues include an increase in fuel cost recovery revenues of \$682 million and \$53 million in electric and gas sales, respectively, primarily due to higher fuel rates in 2003 resulting from increases in the market prices of purchased power and natural gas. As such, this revenue increase

is offset by increased fuel and purchased power expenses.

Other regulatory credits decreased primarily due to the March 2002 settlement agreement mentioned above, which increased other regulatory credits in 2002 to offset other operation and maintenance expenses of \$159.9 million related to the December 2000 ice storms. The decrease was partially offset by the asset retirement obligation mentioned above, which increased other regulatory credits in 2003 to offset the increases in depreciation and decommissioning expenses.

# 2002 COMPARED TO 2001

Following is an analysis of the change in net revenue comparing 2002 to 2001 (in millions):

2001 net revenue	\$3,873.1
March 2002 Arkansas settlement agreement	180.7
Volume/weather	155.7
Fuel price	94.3
System Energy refund in 2001	(128.9)
Other	34.7
2002 net revenue	\$4,209.6

The March 2002 settlement agreement is discussed above and is offset by an increase in other operation and maintenance expenses. The effect on net income in 2002 is a decrease of \$2.2 million.

The volume/weather variance is due to increased electricity usage in the service territories. Billed usage increased a total of 2,149 GWh in the residential and commercial sectors. The fuel price variance is due to an increase in the price applied to unbilled sales partially offset by a revised estimate made in December 2002 to the fuel component of that price.

The effect of the System Energy refund resulted from System Energy's application to the Federal Energy Regulatory Commission (FERC) in May 1995 for a rate increase, which it implemented in December 1995, subject to refund. The request sought changes to System Energy's rate schedule, including increases in the revenue requirement associated with decommissioning costs, the depreciation rate, and the rate of return on common equity. In July 2000, FERC approved a lower rate of return than the rate sought by System Energy. Upon receipt of a final FERC order in July 2001, Entergy Arkansas and Entergy Louisiana recorded entries to spread the impacts of FERC's order to the various revenue, expense, asset, and liability accounts affected, as if the order had been in place since commencement of the case in 1995. The accounting entries necessary to record the effects of the order reduced purchased power expenses in 2001, which resulted in a corresponding increase in net revenue in 2001. The System Energy refund proceeding is discussed in Note 2 to the consolidated financial statements.

# GROSS OPERATING REVENUES

Gross operating revenues include a decrease in fuel cost recovery revenue of \$897.4 million and \$60.5 million related to electric sales and gas sales, respectively, primarily due to lower fuel recovery factors resulting from decreases in the market prices of natural gas and purchased power in 2002. As such, this revenue decrease is offset by decreased fuel and purchased power expenses.

# Other Income Statement Variances 2003 Compared to 2002

Other operation and maintenance expenses decreased primarily due to decreased expenses at Entergy Arkansas. The March 2002 settlement agreement that became final in the second quarter of 2002, allowing Entergy Arkansas to recover a large majority of 2000 and 2001 ice storm repair expenses through the previously-collected transition cost account amounts, increased Entergy Arkansas' expenses by \$159.9 million in 2002. This increase in expenses in 2002 was offset by a regulatory credit resulting in no effect on net income. The decrease was partially offset by an increase of \$99.8 million in benefit costs as a result of voluntary severance program accruals in 2003.

Decommissioning expense increased primarily due to the implementation of SFAS 143, "Accounting for Asset Retirement Obligations." The increase in decommissioning expense is offset by increases in other regulatory credits and interest and dividend income and has an insignificant effect on net income. Depreciation and amortization expenses increased primarily due to an increase in plant in service. The increase was also due to the implementation of SFAS 143. The increase in depreciation and amortization expense due to SFAS 143 implementation is offset by increases in other regulatory credits and interest and dividend income and has an insignificant effect on net income.

Other income decreased primarily due to a decrease in "miscellaneous – net" as a result of a \$107.7 million accrual in the second quarter 2003 for the loss that would be associated with a final, non-appealable decision disallowing abeyed River Bend plant costs. See Note 2 to the consolidated financial statements for more details regarding the River Bend abeyed plant costs. The decrease was partially offset by an increase in interest and dividend income as a result of the implementation of SFAS 143.

Interest charges decreased primarily due to a decrease of \$28.5 million in interest on long-term debt due to the redemption and refinancing of long-term debt. Refer to Note 5 to the consolidated financial statements for detail of long-term debt outstanding as of December 31, 2003 and 2002.

# 2002 COMPARED TO 2001

In addition to the effect of the March 2002 settlement agreement at Entergy Arkansas, the increase in other operation and maintenance expenses was primarily due to:

- an increase of \$51.2 million in benefit costs;
- increased expenses of \$24.5 million at Entergy Arkansas due to the reversal in 2001 of ice storm costs previously charged to expense in December 2000;
- an increase of \$14.6 million in fossil plant expenses due to maintenance outages and turbine inspection costs at various plants;
- an increase of \$10.9 million to reflect the current estimate of the liability for the future disposal of low-level radioactive waste materials; and
- lower nuclear insurance refunds of \$6.7 million.

Depreciation and amortization expenses increased primarily due to the effects in 2001 of the final FERC order addressing System Energy's 1995 rate filing.

Other income decreased primarily due to:

- interest recognized in 2001 on Grand Gulf 1's decommissioning trust funds resulting from the final order addressing System Energy's rate proceeding;
- interest recognized in 2001 at Entergy Mississippi and Entergy New Orleans on the deferred System Energy costs related to its 1995 rate filing that were not being recovered through rates; and
- · lower interest earned on declining deferred fuel balances.



# **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

The decrease was partially offset by an increase in "miscellaneous – net" of \$26.7 million due to the cessation of amortization of goodwill in January 2002 upon implementation of SFAS 142 and settlement of liability insurance coverage at Entergy Gulf States.

Interest and other charges decreased primarily due to: a decrease of \$31.9 million in interest on long-term debt primarily due to the retirement of long-term debt in late 2001 and early 2002; and

a decrease of \$76.0 million in other interest expense primarily due to interest recorded on System Energy's provision for rate refund in 2001 resulting from the effects of the final FERC order addressing System Energy's 1995 rate filing. The refund was made in December 2001.

> "Non-Utility Nuclear contributed over 30% of Entergy's 2003 net income."

# NON-UTILITY NUCLEAR Following are key performance measures:

	2003	2002	2001
Net MW in operation at December 31	4,001	3,955	3,445
Average realized price per MWh	\$38.54	\$40.49	\$34.90
Generation in GWh for the year	32,379	29,953	22,614
Capacity factor for the year	92.4%	92.8%	92.7%

### 2003 COMPARED TO 2002

The increase in earnings for Non-Utility Nuclear from \$200.5 million to \$300.8 million was primarily due to the \$154.5 million net-of-tax cumulative effect of a change in accounting principle recognized in the first quarter of 2003 upon implementation of SFAS 143. See "Critical Accounting Estimates – SFAS 143" below for discussion of the implementation of SFAS 143. Income before the cumulative effect of accounting change decreased by \$54.2 million. The decrease was primarily due to \$83.0 million (\$50.6 million net-of-tax) of charges recorded in connection with the voluntary severance program. Except for the effect of the voluntary severance program, operation and maintenance expenses in 2003 per MWh of generation were in line with 2002 operation and maintenance expenses.

### 2002 COMPARED TO 2001

The increase in earnings for Non-Utility Nuclear from \$127.9 million to \$200.5 million was primarily due to the acquisitions of Indian Point 2, purchased in September 2001, and Vermont Yankee, purchased in July 2002. Also contributing to the increase in earnings was higher pricing under certain purchase power contracts.

# **ENERGY COMMODITY SERVICES**

Earnings for Energy Commodity Services in 2003 were primarily driven by Entergy's investment in Entergy-Koch. Following are key performance measures for Entergy-Koch's operations for 2003, 2002, and 2001:

	2003	2002	2001
Entergy-Koch Trading			
Gas volatility	62%	61%	72%
Electricity volatility	59%	48%	78%
Gas marketed (BCF/D) <sup>(1)</sup>	6.5	5.8	4.5
Electricity marketed (GWh)	445,979	408,038	180,893
Gain/loss days	1.5	1.8	2.8
Gulf South Pipeline	· :		
Throughput (BCF/D)	1.99	2.40	- 2.45
Production cost (\$/MMBtu)	\$0.146	\$0.094	\$0.093

 Previously reported volumes, which included only U.S. trading, have been adjusted to reflect both U.S. and Europe volumes traded.

# 2003 COMPARED TO 2002

The increase in earnings for Energy Commodity Services in 2003 from a \$145.8 million loss to \$180.5 million in earnings was primarily due to \$428.5 million (\$238.3 million net-oftax) of charges recorded in 2002, as discussed in the 2002 to 2001 comparison below. Higher earnings from Entergy's investment in Entergy-Koch also contributed to the increase in earnings. The income from Entergy's investment in Entergy-Koch was \$73 million higher in 2003 primarily as a result of higher earnings at Entergy-Koch Trading (EKT). Volatility was slightly up and trading earnings reflected solid point-of-view trading results. In addition, EKT's physical optimization business continued to contribute earnings, and its European business earnings increased as trading activities continued to expand beyond the United Kingdom. Earnings at Gulf South Pipeline were lower due to lower throughput and higher production costs. The decreased throughput was due to shifting gas flow patterns in a sustained high gas price environment that led to higher fuel costs. Production costs were higher as the result of incremental legal and consultant expenses incurred primarily in connection with Gulf South's defense of a lawsuit which it believes has no merit.

Entergy accounts for its 50% share in Entergy-Koch under the equity method of accounting. Earnings from Entergy-Koch are reported as equity in earnings of unconsolidated equity affiliates in the financial statements. Certain terms of the partnership arrangement allocated income from various sources, and the taxes on that income, on a significantly disproportionate basis through 2003. Losses and distributions from operations are allocated to the partners equally. Substantially all of Entergy-Koch's profits were allocated to Entergy in 2003, 2002, and 2001. Effective January 1, 2004, a revaluation of Entergy-Koch's assets for legal capital account purposes occurred, and future profit allocations changed after the revaluation. The profit allocations other than for weather trading and international trading became equal. Profit allocations for weather trading and international trading remain disproportionate to the ownership interests. The weather trading and international trading allocations are unequal only within a specified range, such that the overall earnings allocation should not materially differ from 50/50. Earnings allocated under the terms of the partnership agreement constitute equity, not subject to reallocation, for the partners.

2002 COMPARED TO 2001

The decrease in earnings for Energy Commodity Services in 2002 from \$105.9 million to a \$145.8 million loss was primarily due to the charges to reflect the effect of Entergy's decision to discontinue additional greenfield power plant development and to reflect asset impairments resulting from the deteriorating economics of wholesale power markets principally in the United States and the United Kingdom. Entergy recorded net charges of \$428.5 million (\$238.3 million net-of-tax) to operating expenses. The net charges consist of the following:

• The power development business obtained contracts in October 1999 to acquire 36 turbines from General Electric. Entergy's rights and obligations under the contracts for 22 of the turbines were sold to an independent specialpurpose entity in May 2001. \$178.0 million of the charges, including an offsetting net-of-tax benefit of \$18.5 million related to the subsequent sale of four turbines to a third party, is a provision for the net costs resulting from cancellation or sale of the turbines subject to purchase commitments with the specialpurpose entity;

\$204.4 million of the charges results from the write-off of Entergy Power Development Corporation's equity investment in the Damhead Creek project and the impairment of the values of its Warren Power power plant and its Crete and RS Cogen projects. This portion of the charges reflects Entergy's estimate of the effects of reduced spark spreads in the United States and the United Kingdom. Damhead Creek was sold in December 2002, resulting in net income of \$31.4 million; \$39.1 million of the charges relates to the restructuring of the non-nuclear wholesale assets business, which is comprised of \$22.5 million of impairments of administrative fixed assets, \$10.7 million of estimated sublease losses, and \$5.9 million of the charges results from the write-off of

capitalized project development costs for projects that will not be completed; and

a gain of \$25.7 million (\$15.9 million net-of-tax) realized on the sale in August 2002 of an interest in projects under development in Spain. Also, in the first quarter of 2002, Energy Commodity Services sold its interests in projects in Argentina, Chile, and Peru for net proceeds of \$135.5 million. After impairment provisions recorded for these Latin American interests in 2001, the net loss realized on the sale in 2002 was insignificant.

Revenues and fuel and purchased power expenses decreased for Energy Commodity Services by \$1,075.8 million and \$876.9 million, respectively, in 2002 primarily due to:

- a decrease of \$542.9 million in revenues and \$539.6 million in fuel and purchased power expenses resulting from the sale of Highland Energy in the fourth quarter of 2001;
- a decrease of \$161.7 million in revenues resulting from the sale of the Saltend plant in August 2001; and
- a decrease of \$139.1 million in revenues and \$133.5 million . in purchased power expenses due to the contribution of substantially all of Entergy's power marketing and trading business to Entergy-Koch in February 2001. Earnings from Entergy-Koch are reported as equity in earnings of unconsolidated equity affiliates in the financial statements. The net income effect of the lower revenues was more than offset by the income from Entergy's investment in Entergy-Koch. The income from Entergy's investment in Entergy-Koch was \$31.9 million higher in 2002 primarily as a result of earnings at Entergy-Koch Trading (EKT) and higher earnings at Gulf South Pipeline due to more favorable transportation contract pricing. Although the gain/loss days ratio reported above declined in 2002, EKT made relatively more money on the gain days than the loss days, and thus had an increase in earnings for the year.

# PARENT & OTHER

The loss from Parent & Other decreased in 2003 from \$38.6 million to \$23.4 million primarily due to lower income tax expense.

The loss from Parent & Other decreased in 2002 from \$57.9 million to \$38.6 million primarily due to:

- a decrease in income tax expense of \$12.1 million resulting from the allocation of intercompany tax benefits; and
- a decrease in interest charges of \$6.0 million.

### INCOME TAXES

The effective income tax rates for 2003, 2002, and 2001 were 37.9%, 32.1%, and 38.3%, respectively. See Note 3 to the consolidated financial statements for a reconciliation of the federal statutory rate of 35.0% to the effective income tax rates.

# **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

# LIQUIDITY AND CAPITAL RESOURCES

This section discusses Entergy's capital structure, capital spending plans and other uses of capital, sources of capital, and the cash flow activity presented in the cash flow statement.

# CAPITAL STRUCTURE

Entergy's capitalization is balanced between equity and debt, as shown in the following table. The reduction in the percentage for 2003 is the result of reduced debt outstanding in the U.S. Utility and Non-Utility Nuclear businesses, and an increase in shareholders' equity, primarily due to increased retained earnings. The reduction in the percentage for 2002 is primarily the result of the sale of Damhead Creek in December 2002. Debt outstanding on the Damhead Creek facility was \$458 million as of December 31, 2001.

	2003	2002	2001
Net debt to net capital			
at the end of the year	45.3%	47.7%	51.1%
Effect of subtracting cash			
from gross debt	2.2%	4.1%	2.2%
Debt to capital at the end of the year	47.5%	51.8%	53.3%
			2

Net debt consists of gross debt less cash and cash equivalents. Gross debt consists of notes payable, capital lease obligations, preferred stock with sinking fund, and longterm debt, including the currently maturing portion. Net capital consists of net debt, common shareholders' equity, and preferred stock without sinking fund. The preferred stock with sinking fund is included in gross debt pursuant to SFAS 150, which Entergy implemented in the third quarter of 2003. The 2002 and 2001 ratios do not reflect that type of security as debt, but do include it in net capital, which is how Entergy presented those securities prior to implementation of SFAS 150. Entergy uses the net debt to net capital ratio in analyzing its financial condition and believes it provides useful information to its investors and creditors in evaluating Entergy's financial condition.

Long-term debt, including the currently maturing portion, makes up over 90% of Entergy's total debt outstanding. See below for Entergy's long-term debt principal maturities as of December 31, 2003 and 2002 by operating segment. A significant factor in the change from 2002 to 2003 is over \$2 billion of debt refinancing or retirement activity in the U.S. Utility business in 2003. These figures include principal payments on the Entergy Louisiana and System Energy saleleaseback transactions, which are included in long-term debt on the balance sheet. Note 5 to the consolidated financial statements provides more detail concerning long-term debt. Following are Entergy's long-term debt maturities as of December 31, 2003 and 2002 by operating segment (in millions):

•,		· .	•		
1			•	2007-	after
2003	2004	2005	·2006	2008	2008
2002		:	:		· • .
\$1,111	<b>\$855</b>	\$470	<b>\$6</b> 8	\$ 654	\$3,718
\$ 87	\$ 91	\$ 95	\$98	\$ 119	\$ 193
				·	· . · .
\$ 79	· -	ч. —	-		· · -
1 - <u>-</u>	\$595	·	-	_	\$ 267
2003		. • *		· .	
	\$450	\$355	\$28	\$1,254	\$4,345
	\$ 74	\$ 72	\$76	\$ 100	\$ 193
	· · · ·	÷			
·		· -	-	· .	
<b></b> -	· -	\$ 60	· · -	\$ 272	\$ 568
	2002 \$1,111 \$ 87 \$ 79  2003 	2002 \$1,111 \$855 \$ 87 \$ 91 \$ 79 - \$ 595 2003 - \$450 - \$ 74	2002 \$1,111 \$855 \$470 \$ 87 \$ 91 \$ 95 \$ 79 - \$595 - 2003 - \$450 \$355 - \$ 74 \$ 72 	2002 \$1,111 \$855 \$470 \$68 \$ 87 \$ 91 \$ 95 \$98 \$ 79 - \$595 2003 - \$450 \$355 \$28 - \$ 74 \$ 72 \$76	2002         \$1,111       \$855       \$470       \$68       \$654         \$67       \$91       \$95       \$98       \$119         \$79       -       -       -         -       \$595       -       -         2003       -       \$450       \$355       \$28       \$1,254         -       \$74       \$72       \$76       \$100

Capital lease obligations, including nuclear fuel leases, are a minimal part of Entergy's overall capital structure, and are discussed further in Note 10 to the consolidated financial statements. Following are Entergy's payment obligations under those leases (in millions):

···· ·						2007-	after
			2004	2005	2006	2008	2008
Capital	lease payr	nents,	n;	· · · ·	• •	• • • •	. ·
includ	ing nuclea	ar fuel leases	s \$165-	\$142	\$6	\$5	\$3

Notes payable, which include borrowings outstanding on credit facilities with original maturities of less than one year, were less than \$1 million as of December 31, 2003. Entergy Corporation, Entergy Arkansas, Entergy Louisiana, and Entergy Mississippi each have 364-day oredit facilities available as follows:

	Expiration	Amount of	Amount Drawn as
Company	Date	Facility	of Dec. 31, 2003
Entergy Corporation	May 2004	\$1.450 billion	
Entergy Arkansas	· April 2004	\$ 63 million	-
Entergy Louisiana	May 2004	\$ 15 million	-
Entergy Mississippi	May 2004	\$25 million	

Although the Entergy Corporation credit line expires in May 2004, Entergy has the discretionary option to extend the period to repay the amount then outstanding for an additional 364-day term. Because of this option, which Entergy intends to exercise if it does not renew the credit line or obtain an alternative source of financing, any debt outstanding on the credit line is reflected in long-term debt on the balance sheet. Entergy Corporation's facility requires it to maintain a consolidated debt ratio of 65% or less of its total capitalization, and maintain an interest coverage ratio of 2 to 1. If Entergy fails to meet these limits, or if Entergy or the domestic utility companies default on other indebtedness or are in bankruptcy or insolvency proceedings, an acceleration of the facility's maturity date may occur.

# Operating Lease Obligations and Guarantees of Unconsolidated Obligations

In addition to the obligations listed above that are reflected on the balance sheet, Entergy has a minimal amount of operating leases and guarantees in support of unconsolidated obligations that are not reflected as liabilities on the balance sheet. These items are not on the balance sheet in accordance with generally accepted accounting principles.

Following are Entergy's payment obligations as of December 31, 2003 on non-cancelable operating leases with a term over one year (in millions):

	· ·		. • <u>.</u> -	2007-	after
	2004	2005	2006	2008	2008
Operating lease payments	\$99	\$89	\$70	· \$93	\$245

The operating leases are discussed more thoroughly in Note 10 to the consolidated financial statements.

Entergy's guarantees of unconsolidated obligations outstanding as of December 31, 2003 total a maximum amount of \$249 million, detailed as follows:

- In August 2001, EntergyShaw entered into a turnkey construction agreement with an Entergy subsidiary, Entergy Power Ventures, L.P. (EPV), and with Northeast Texas Electric Cooperative, Inc. (NTEC), providing for the construction by EntergyShaw of a 550 MW electric generating station to be located in Harrison County, Texas. Entergy has guaranteed the obligations of EntergyShaw to construct the plant, which is 70% owned by EPV. Entergy's maximum liability on the guarantee is \$232.5 million, and the guarantee is expected to remain outstanding through June 2004.
- RS Cogen has an interest rate swap agreement that hedges the interest rate on a portion of its debt. Entergy guaranteed RS Cogen's obligations under the interest rate swap agreement. The guarantee is for \$16.5 million and terminates in October 2017.

# Summary of Contractual Obligations of Consolidated Entities (in millions)

		200	5- 2007	- after	
Contractual Obligations	2004	2006	5 2008	2008	Total
Long-term debt (1)	\$524	\$ 59	1 \$1,626	\$5,106	\$7,847
Capital lease obligations @	\$165	\$ 14	3\$, 5	\$ 3	\$ 321
Operating leases (*)	\$ 99	\$ 15	9 \$ 93	\$ 245	\$ 596
Purchase obligations <sup>co</sup>	\$925	\$1.00	7 \$ 907	\$1,448	\$4,285
(1) Long-term debt is discussed in N	ote 5 to th	e consoli	dated finan	cial statem	ents.

(2) Capital lease obligations include nuclear fuel leases. Lease obligations are discussed in Note 10 to the consolidated financial statements.

(3) As defined by SEC rule. For Entergy, it includes unconditional fuel and purchased power obligations and other purchase obligations. Approximately 97% of the total

pertains to fuel and purchased power obligations that are recovered in the normal course of business through various fuel cost recovery mechanisms in the U.S. Utility business.

# **Capital Funds Agreement**

Pursuant to an agreement with certain creditors, Entergy Corporation has agreed to supply System Energy with sufficient capital to:

- maintain System Energy's equity capital at a minimum of 35% of its total capitalization (excluding short-term debt); permit the continued commercial operation of Grand
- Gulf 1; pay in full all System Energy indebtedness for borrowed
- money when due; and
- enable System Energy to make payments on specific System Energy debt, under supplements to the agreement assigning System Energy's rights in the agreement as security for the specific debt.

# CAPITAL EXPENDITURE PLANS AND OTHER USES OF CAPITAL

Following are the amounts of Entergy's planned construction and other capital investments by operating segment for 2004 through 2006 (in millions):

Planned construction			
and capital investment	2004	2005	2006
Maintenance Capital:			
U.S. Utility	\$ 767	\$ 767	\$759
Non-Utility Nuclear	73	68	76
Energy Commodity Services	7	2	2
Parent and Other	7	10	14
	854	847	851
Capital Commitments:		• : ,	
U.S. Utility	569	295	112
Non-Utility Nuclear	123	· · -	-
Energy Commodity Services	73	-	-
Parent and Other	32	· ·	
	797	295	112
Total	\$1,651	\$1,142	\$963

Maintenance Capital refers to amounts Entergy plans to spend on routine capital projects that are necessary to support reliability of its service, equipment, or systems and to support normal customer growth.

Capital Commitments refers to non-routine capital investments that Entergy is either contractually obligated or otherwise required to make pursuant to a regulatory agreement or existing rule or law with which Entergy is required to comply. Amounts reflected in this category include the following:

Replacement of the Arkansas Nuclear One Unit 1 (ANO 1) steam generators and reactor vessel closure head. Entergy estimates the cost of the ANO 1 project to be approximately \$235 million, of which approximately \$135 million will be incurred through 2004. Entergy expects the replacement to occur during a planned refueling outage in 2005. Entergy Arkansas filed in January 2003 a request for a declaratory order by the

# **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

APSC that the investment in the replacement is in the public interest analogous to the order received in 1998 prior to the replacement of the Arkansas Nuclear One Unit 2 (ANO 2) steam generators. The APSC found that the replacement is in the public interest in a declaratory order issued in May 2003.

- Purchase of the Perryville power plant in Louisiana. In January 2004, Entergy Louisiana signed an agreement to acquire the 718 MW Perryville power plant for \$170 million. The plant is owned by a subsidiary of Cleco Corporation, which subsidiary submitted a bid in response to Entergy's Fall 2002 request for proposals for supply-side resources. The signing of the agreement followed a voluntary Chapter 11 bankruptcy filing by the plant's owner. Entergy expects that Entergy Louisiana will own 100 percent of the Perryville plant, and that Entergy Louisiana will sell 75 percent of the output to Entergy Gulf States under a long-term cost-ofservice purchased power agreement. The purchase of the plant, expected to be completed by December 2004, is contingent upon obtaining necessary approvals from the bankruptcy court and from state and federal regulators, including approval of full cost recovery, giving consideration to the need for the power and the prudence of Entergy Louisiana and Entergy Gulf States for engaging in the transaction. In addition, Entergy Louisiana and Entergy Gulf States executed a purchased power agreement with the plant's owner through the date of the acquisition's closing (as long as that occurs by September 2005) for 100 percent of the output of the Perryville plant.
- Nuclear power plant uprates.
- Entergy's obligation in the Energy Commodity Services business to make a \$72.7 million cash contribution to Entergy-Koch in January 2004. Entergy made the contribution on January 2, 2004.

From time to time, Entergy considers other capital investments as potentially being necessary or desirable in the future, including additional nuclear plant power uprates, generation supply assets, various transmission upgrades, environmental compliance expenditures or investments in new businesses or assets. Because no contractual obligation or commitment exists to pursue these investments, they are not included in Entergy's planned construction and capital investments. These potential investments are also subject to evaluation and approval in accordance with Entergy's policies before amounts may be spent. In addition, Entergy's capital spending plans do not include spending for transmission upgrades requested by merchant generators, other than projects currently underway, because Entergy's contracts with the generators require the generators to fund the upgrades, which Entergy then repays through credits against billings to the generators.

Estimated capital expenditures are subject to periodic review and modification and may vary based on the ongoing effects of business restructuring, regulatory constraints, environmental regulations, business opportunities, market volatility, economic trends, and the ability to access capital.

# **Dividends and Stock Repurchases**

Declarations of dividends on Entergy's common stock are made at the discretion of the Board. Among other things, the Board evaluates the level of Entergy's common stock dividends based upon Entergy's earnings, financial strength, and future investment opportunities. At its July 2003 meeting, the Board increased Entergy's quarterly dividend per share by 29%, to \$0.45. Entergy expects the next review of a potential dividend increase will occur in October 2004. Given the current number of Entergy common shares outstanding, Entergy expects the July 2003 dividend increase to result in an incremental annual increase in cash used of approximately \$90 million. In 2003, Entergy paid \$363 million in cash dividends on its common stock.

In accordance with Entergy's stock option plans, Entergy periodically grants stock options to its employees, which may be exercised to obtain shares of Entergy's common stock. According to the plans, these shares can be newly issued shares, treasury stock, or shares purchased on the open market. Entergy's management has been authorized to repurchase on the open market shares up to an amount sufficient to fund the exercise of grants under the plans. In 2003, Entergy repurchased 155,000 shares of common stock for a total purchase price of \$8.1 million.

# Public Utility Holding Company Act (PUHCA) Restrictions on Uses of Capital

Entergy's ability to invest in electric wholesale generators and foreign utility companies is subject to the SEC's regulations under PUHCA. As authorized by the SEC, Entergy is allowed to invest earnings in electric wholesale generators and foreign utility companies in an amount equal to 100% of its average consolidated retained earnings. As of December 31, 2003, Entergy's investments subject to this rule totaled \$2.59 billion constituting 58.3% of Entergy's average consolidated retained earnings.

Entergy's ability to guarantee obligations of Entergy's non-utility subsidiaries is also limited by Securities and Exchange (SEC) regulations under PUHCA. In August 2000, the SEC issued an order, effective through December 31, 2005, that allows Entergy to issue up to \$2 billion of guarantees for the benefit of its non-utility companies. Entergy currently has sufficient capacity under this order for its foreseeable needs.

Under PUHCA, the SEC imposes a limit equal to 15% of consolidated capitalization on the amount that may be invested in "energy-related" businesses without specific SEC approval. Entergy has made investments in energy-related businesses, including power marketing and trading. Entergy's available capacity to make additional investments at December 31, 2003 was approximately \$1.6 billion.

# SOURCES OF CAPITAL

Entergy's sources to meet its capital requirements and to fund potential investments include:

- internally generated funds;
- cash on hand (\$692 million as of December 31, 2003);
- securities issuances;
- bank financing under new or existing facilities; and
- sales of assets.

The majority of Entergy's internally generated funds come from the domestic utility companies and System Energy. Circumstances such as weather patterns, price fluctuations, and unanticipated expenses, including unscheduled plant outages, could affect the level of internally generated funds in the future. In the following section Entergy's cash flow activity for the previous three years is discussed.

Provisions within the Articles of Incorporation or pertinent indentures and various other agreements relating to the long-term debt and preferred stock of certain of Entergy Corporation's subsidiaries restrict the payment of cash dividends or other distributions on their common and preferred stock. As of December 31, 2003, Entergy Arkansas and Entergy Mississippi had restricted retained earnings unavailable for distribution to Entergy Corporation of \$309.4 million and \$41.9 million, respectively. Additionally, PUHCA prohibits Entergy Corporation's subsidiaries from making loans or advances to Entergy Corporation. All debt and common and preferred stock issuances by the domestic utility companies and System Energy require prior regulatory approval, and their preferred stock and debt issuances are also subject to issuance tests set forth in corporate charters, bond indentures, and other agreements. The domestic utility companies and System Energy have sufficient capacity under these tests to meet foreseeable capital needs.

Short-term borrowings by the domestic utility companies and System Energy, including borrowings under the intracompany money pool, are limited to amounts authorized by the SEC. Under the SEC order authorizing the short-term borrowing limits, the domestic utility companies and System Energy cannot incur new short-term indebtedness if the issuer's common equity would comprise less than 30% of its capital. See Note 4 to the consolidated financial statements for further discussion of Entergy's short-term borrowing limits.

### **CASH FLOW ACTIVITY**

As shown in Entergy's Statements of Cash Flows, cash flows for the years ended December 31, 2003, 2002, and 2001 were as follows (in millions):

	2003	2002	2001	
Cash and cash equivalents		2 × 2	• • • • • •	
at beginning of period	\$ 1,335	\$ 752	\$ 1,382	
Cash flow provided by (used in):				
Operating activities	2,006	2,181	2,216	
Investing activities	(1,783)	(1,388)	(2,224)	
Financing activities	(869)	(213)	(622)	
Effect of exchange rates on				
cash and cash equivalents	3	3	-	
Net increase (decrease) in				
cash and cash equivalents	(643)	583	(630)	
Cash and cash equivalents				
at end of period	\$ 692	\$ 1,335	\$ 752	

# Operating Cash Flow Activity 2003 COMPARED TO 2002

Entergy's cash flow provided by operating activities decreased in 2003 primarily due to the following:
The U.S. Utility provided \$1,675 million in operating cash flow in 2003 compared to providing \$2,341 million in 2002. The decrease primarily resulted from the tax accounting election made by Entergy Louisiana, as discussed below. Also contributing to the decrease were higher payments for fuel during the period, which also significantly increased the amount of deferred fuel costs. Management expects that the deferred fuel costs will be recovered through regulatory recovery mechanisms currently in place.

The non-nuclear wholesale assets business used \$70 million in operating cash flow in 2003 compared to providing \$43 million in 2002 primarily due to a decrease of \$64 million in the income tax refund received in 2003 compared to 2002. Also contributing to the increase in cash used was a one-time \$33 million payment related to a generation contract in the non-nuclear wholesale assets business.

The Non-Utility Nuclear segment provided \$183 million in operating cash flow in 2003 compared to providing \$282 million in 2002 primarily due to higher tax payments and unplanned outages.

Operating cash flow used by the investment in Entergy-Koch, LP decreased by \$6 million in 2003. This decrease in cash flow used was due to the receipt of \$100 million in dividends from Entergy-Koch in 2003. Almost entirely offsetting the dividends received was an increase in tax payments related to Entergy's investment in Entergy-Koch due to increased income from the investment.

# **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

Partially offsetting the decrease was an increase due to the parent company providing \$209 million in operating cash flow in 2003 compared to using \$439 million in 2002 primarily due to the payment that Entergy Corporation made to Entergy Louisiana in 2002 pursuant to the tax accounting election made by Entergy Louisiana that is discussed below.

# 2002 COMPARED TO 2001

Entergy's cash flow provided by operating activities decreased in 2002 primarily due to:

- The U.S. Utility provided \$2,341 million in operating cash flow, an increase of \$693 million compared to 2001. The increase primarily resulted from the tax accounting election made by Entergy Louisiana that is discussed below.
- The parent company used \$439 million in operating cash flow compared to providing \$407 million in 2001. The decrease primarily resulted from the payment that Entergy Corporation made to Entergy Louisiana pursuant to the tax accounting election made by
- Entergy Louisiana that is discussed below.
- The Non-Utility Nuclear business provided \$282 million in operating cash flow, an increase of \$18 million compared to 2001.
- Entergy's investment in Entergy-Koch used \$47 million in operating cash flow in 2002, a decrease of \$8 million compared to 2001. The use of cash primarily relates to tax payments on Entergy's share of the partnership income. Entergy did not receive a dividend from Entergy-Koch in 2002 or in 2001 because the joint venture was retaining capital for business opportunities.
  The non-nuclear wholesale assets business provided \$43 million in operating cash flow in 2002, compared to using \$73 million in 2001.

# TAX ELECTION

In 2001 Entergy Louisiana changed its method of accounting for tax purposes related to the contract to purchase power from the Vidalia project (the contract is discussed in Note 9 to the consolidated financial statements). The new tax accounting method has provided a cumulative cash flow benefit of approximately \$805 million through 2003, which is expected to reverse in the years 2005 through 2031. The election did not reduce book income tax expense. The timing of the reversal of this benefit depends on several variables, including the price of power. Approximately half of the consolidated cash flow benefit of the election occurred in 2001 and the remainder occurred in 2002. In accordance with Entergy's intercompany tax allocation agreement, the cash flow benefit for Entergy Louisiana occurred in the fourth quarter of 2002.

In a September 2002 settlement of a Louisiana Public Service Commission (LPSC) proceeding that concerned the Vidalia contract, the LPSC approved Entergy Louisiana's proposed treatment of the regulatory impact of the tax accounting election. In general, the settlement permits Entergy Louisiana to keep a portion of the tax benefit in exchange for bearing the risk associated with sustaining the tax treatment. The LPSC settlement divided the term of the' Vidalia contract into two segments: 2002-2012 and 2013-2031. During the first eight years of the 2002-2012 segment, Entergy Louisiana agreed to credit rates by flowing through its fuel adjustment calculation \$11 million each year, beginning monthly in October 2002. Entergy Louisiana must credit rates in this way and by this amount even if Entergy Louisiana is unable to sustain the tax deduction. Entergy Louisiana also must credit rates by \$11 million each year for an additional two years unless either the tax accounting method elected is retroactively repealed or the Internal Revenue Service denies the entire deduction related to the tax accounting method. Entergy Louisiana agreed to credit ratepayers additional amounts unless the tax accounting election is not sustained if it is challenged. During 2013-2031, Entergy Louisiana and its ratepayers would share the remaining benefits of this tax accounting election.

# **Investing Activities**

# 2003 COMPARED TO 2002

Net cash used in investing activities increased in 2003 primarily due to the following:

- The non-nuclear wholesale assets business realized \$215 million in net proceeds from sales of businesses in 2002.
- Temporary investments of \$150 million matured in 2002, which provided cash flow in 2002.
- Temporary investments of \$50 million were made in 2003, which used cash flow in 2003.
- Entergy Gulf States has \$77 million and Entergy Mississippi has \$73 million of other regulatory investments in 2003 as a result of fuel cost under-recoveries. See Note 1 to the consolidated financial statements for discussion of the accounting treatment of these fuel cost under-recoveries. See Note 2 to the consolidated financial statements for discussion of the change in Entergy Mississippi's energy cost recovery rider.

Partially offsetting these uses of cash, approximately \$172 million of the cash collateral for a letter of credit that secures the installment obligations owed to New York Power Authority (NYPA) for the acquisition of the FitzPatrick and Indian Point 3 nuclear power plants was released to Entergy during 2003. There is approximately \$60 million of cash collateral remaining that Entergy expects to be released in March 2004 as a result of the regularly scheduled payment on the note payable to NYPA.

# 2002 COMPARED TO 2001

Net cash used in investing activities decreased in 2002 primarily due to the following:

- Entergy used \$420 million less cash in its 2002 nuclear power plant purchase than it used in its 2001 purchase. In July 2002, Entergy's Non-Utility Nuclear business purchased the Vermont Yankee nuclear power plant for \$180 million in cash. In September 2001, Entergy's Non-Utility Nuclear business purchased the Indian Point 2 nuclear power plant for \$600 million in cash. The liabilities to decommission both plants, as well as related decommissioning trust funds, were also transferred to Entergy. These decommissioning trust transfers are reflected in the non-cash activity section of the cash flow statements.
- Entergy made cash contributions of approximately \$414 million in 2001 in connection with the formation of Entergy-Koch.
- Entergy made a \$272 million cash investment in 2001 to provide the collateral, discussed above, for the letter of credit that secures the installment obligations owed to NYPA. Approximately \$40 million of this collateral was released to Entergy in 2002.
- Entergy used \$150 million to invest in temporary investments with a maturity of greater than 90 days in 2001 and those investments matured in 2002. This resulted in a net decrease of \$300 million in cash used in 2002.

Partially offsetting the decrease in net cash used in investing activities were the following:

- Entergy received less cash from sales of businesses in 2002 than it received in 2001. The sale of the Saltend plant in August 2001 provided approximately \$810 million
- in cash, while the sale of various projects in 2002 provided approximately \$215 million in cash.
- Entergy spent approximately \$150 million more on construction in 2002 than in 2001, primarily for construction of the Harrison County project.

# **Financing Activities**

### 2003 COMPARED TO 2002

Net cash used in financing activities increased in 2003 primarily due to the following:

- Net long-term debt retirements by the U.S. Utility segment were approximately \$470 million in 2003 compared to net issuances of approximately \$76 million in 2002. See Note 5 to the consolidated financial statements for the details of Entergy's long-term debt outstanding.
- The net borrowings under Entergy Corporation's credit facilities decreased \$500 million in 2003 compared to an increase of \$244 million in 2002.

The items causing cash used to increase in 2003 were partially offset by the following:

- Entergy Corporation issued \$538 million of long-term notes in 2003 compared to \$267 million in 2002.
- The non-nuclear wholesale assets business retired \$268 million of long-term debt in 2002 related to the repurchase of the rights to acquire turbines discussed in Results of Operations above. Partially offsetting this was the retirement of the \$79 million Top of Iowa wind project debt at its maturity in January 2003.
- Entergy repurchased \$8 million of its common stock in 2003 compared to \$118 million in 2002.



# 2002 COMPARED TO 2001

Net cash used in financing activities decreased in 2002 primarily due to:

- Entergy increased the net borrowings under Entergy Corporation's credit facilities by \$295 million in 2002.
- Entergy Corporation issued \$267 million of long-term notes in 2002.
- The non-nuclear wholesale assets business used \$196 million less cash in 2002 to retire debt than it did in 2001. This primarily resulted from two transactions. The non-nuclear wholesale assets business retired \$268 million of long-term debt in April 2002 related to the acquisition of the rights to purchase turbines from a special-purpose financing entity. In 2001, the non-nuclear wholesale assets business retired the \$555 million outstanding on the Saltend credit facility when the plant was sold.
- Issuances of long-term debt net of retirements by the U.S. Utility segment provided \$113 million less cash in 2002 than in 2001. Net issuances were \$76 million in 2002 compared to \$189 million in 2001.
- Entergy repurchased \$81.6 million more of its common stock in 2002 than in 2001.

In a non-cash transaction in 2002, long-term debt was reduced by \$488 million in the sale of the Damhead Creek plant when the purchaser assumed the Damhead Creek debt along with the acquisition of the plant.

# MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS continued

# SIGNIFICANT FACTORS AND KNOWN TRENDS

# **RATE REGULATION AND FUEL-COST RECOVERY**

The rates that the domestic utility companies and System Energy charge for their services are an important item influencing Entergy's financial position, results of operations, and liquidity. These companies are closely regulated and the rates charged to their customers are determined in regulatory proceedings, except for a portion of Entergy Gulf States' operations. Governmental agencies, including the APSC, the Council of the City of New Orleans, Louisiana (City Council or Council), the LPSC, the Mississippi Public Service Commission (MPSC), the Public Utility Commission of Texas (PUCT), and FERC, are primarily responsible for approval of the rates charged to customers. The status of material retail rate proceedings are summarized below and described in more detail in Note 2 to the consolidated financial statements.

Company Authorized ROE	Pending Proceedings/Events
Entergy Arkansas 11.0%	No cases are pending. Transition cost account mechanism expired on December 31, 2001. It is likely that a rate filing will be made in mid-2005 in connection with the steam generator replacement at ANO.
Entergy Gulf 10.95% States - Texas	Base rates have been frozen since settlement order issued in June 1999. Freeze will likely extend to the start of retail open access, given management's current expectations as to the start date of retail open access.
Entergy Gulf 11.1% States - Louisiana	The LPSC approved a settlement resolving the 4th - 8th post-merger earning reviews resulting in a \$22.1 million prospective rate reduction effective January 2003 and a refund of \$16.3 million. In December 2003, the LPSC staff recommended a \$30.6 million rate refund and a prospective rate reduction of approximately \$50 million as a result of the 9th earnings analysis (2002). Hearings are set for April 2004. With the LPSC staff, Entergy Gulf States continues to pursue the development of a generation incentive structure.
Entergy Louisiana 9.7%-11.3%	In January 2004, Entergy Louisiana filed with the LPSC for a \$167 million base rate increase and an ROE of 11.4%. The current ROE midpoint is 10.5%. Hearings are currently set for September 2004. With the LPSC staff, Entergy Louisiana continues to pursue the development of a generation incentive structure.
Entergy Mississippi 10.64%-12.86%	An annual formula rate plan is in place. The MPSC approved a \$48.2 million rate increase effective January 2003 and an ROE midpoint of 11.75%. Entergy Mississippi will make a formula rate plan filing in March 2004.
Entergy New Orleans 10.25%-12.25%	The City Council approved an agreement in May 2003 allowing for a \$30.2 million increase in base rates effective June 1, 2003 and approved the implementation of formula rate plans for the electric and gas service that will be evaluated annually until 2005. An appeal of the approval by intervenors is pending, but the rates remain in effect. The midpoint ROE of both plans is 11.25%, with a target equity component of 42%. Entergy New Orleans will make a formula rate plan filing in May 2004.
System Energy 10.94%	ROE approved by July 2001 FERC order. No cases pending before FERC.

(1) Entergy Louisiana's formula rate plan expired with the 2001 test year. Under the expired formula, if Entergy Louisiana earned outside of the bandwidth range, rates would be

adjusted on a prospective basis. If earnings were above the bandwidth range, rates would be reduced by 60 percent of the overage, and if below, increased by 60 percent of the shortfall. (2) Under Mississippi law and Entergy Mississippi's formula rate plan, if Entergy Mississippi's earned ROE is above the top of the range-of-no-change at the top of the bandwidth, then Entergy Mississippi's rates are reduced by 50 percent of the difference between the earned ROE and the top of the bandwidth. In such circumstance, Entergy Mississippi's "Allowed ROE" for the next twelve-month period is the point halfway between such earned ROE and the top of the bandwidth – Entergy Mississippi's retail rates are set at that halfway-point ROE level. (Before the company's formula rate plan on a prospective basis only.) In the situation where Entergy Mississippi's earned ROE is not above the top of the range-of-no-change at the top of the bandwidth, then Entergy Mississippi's "Allowed ROE" for the next twelve-month period is the point the top of the bandwidth. If earnings are below the bandwidth, then Entergy Mississippi's "Allowed ROE" for the next twelve-month period is the bottom of the bandwidth, then the provisions of the company's formula rate plan on a prospective basis only.) In the situation where Entergy Mississippi's earned ROE is not above the top of the bandwidth. If earnings are below the bandwidth, then Entergy Mississippi's "Allowed ROE" for the next twelve-month period is the top of the bandwidth. Under the provisions of the company's formula rate plan, each annual formula rate plan filing incorporates a revised calculation of the benchmark ROE. The benchmark ROE set out in the March 15, 2004 filing will show an allowed regulatory earnings range of 9.3% to 12.2%. The company does not anticipate a reduction in revenues going forward.

(3) If Entergy New Orleans earns outside of the bandwidth range, rates will be adjusted on a prospective basis. Under the gas formula rate plan, if earnings are above the bandwidth range, rates are reduced by 100 percent of the overage, and if below, increased by 100 percent of the entertaint, if the ROE falls between 11.5% and 12.25%, rates are reduced by 60 percent of the differential. Under the electric formula rate plan, if rate above the bandwidth range, rates are adjusted accordingly by 100 percent of the Box of the generation of the overage or shortfall. Entergy New Orleans may earn up to 13.25% under the electric formula rate plan, rates are adjusted accordingly by 100 percent of any overage or shortfall. Entergy New Orleans may earn up to 13.25% under the electric formula rate plan provided that the increase is caused by its share of energy cost savings under the generation performance-based recovery plan discussed below.

In addition to the regulatory scrutiny connected with base rate proceedings, the domestic utility companies' fuel and purchased power costs recovered from customers are subject to regulatory scrutiny. The domestic utility companies' significant fuel and purchased power cost proceedings are described in Note 2 to the consolidated financial statements.
#### System Agreement Litigation

The domestic utility companies historically have engaged in the coordinated planning, construction, and operation of generating and transmission facilities under the terms of an agreement called the System Agreement that has been approved by FERC. Litigation involving the System Agreement is being pursued by the LPSC at both FERC and before itself. These proceedings include challenges to the allocation of costs as defined by the System Agreement, raise questions of imprudence by the domestic utility companies in their execution of the System Agreement, and seek support for local regulatory authority over System Agreement issues. Regarding the proceeding at the LPSC, Entergy believes that state and local regulators are pre-empted by federal law from reviewing and deciding System Agreement issues for themselves. An unrelated case between the LPSC and Entergy Louisiana raised the question of whether a state regulator is pre-empted by federal law from reviewing and interpreting FERC rate schedules that are part of the System Agreement, and from subsequently enforcing that interpretation. The LPSC interpreted a System Agreement rate schedule in the unrelated case, and then sought to enforce its interpretation. The Louisiana Supreme Court affirmed. In 2003, the U.S. Supreme Court ruled in Entergy Louisiana's favor and reversed the decisions of the LPSC and the Louisiana Supreme Court.

In the proceeding at FERC, the LPSC alleges that the domestic utility companies' annual production costs over the period 2002 to 2007 will be over or (under) the average for the domestic utility companies by the following amounts:

		 · · · ·	
Entergy Arkansas		\$(130) to (27	8) million
Entergy Gulf States - Lou	iisiana	\$ 11 to (	<b>B7</b> million
Entergy Louisiana		\$ 39 to 1	32 million
Entergy Mississippi		 \$ (27) to :	13 million
Entergy New Orleans		\$ . 7 to -	46 million

This range of results is a function of assumptions regarding such things as future natural gas prices, the future market price of electricity, and other factors. If FERC grants the relief requested by the LPSC, the relief may result in a material increase in production costs allocated to companies whose costs currently are projected to be less than the average and a material decrease in production costs allocated to companies whose costs currently are projected to exceed the average. Management believes that any changes in the allocation of production costs resulting from a FERC decision should result in similar rate changes for retail customers. Therefore, management does not believe that this proceeding will have a material effect on the financial condition of any of the domestic utility companies, although the outcome of the proceeding at FERC cannot be predicted at this time.

In February 2004 a FERC ALJ issued an Initial Decision in the proceeding. The Initial Decision decided some issues in favor of the relief sought by the LPSC, and decided some issues against the relief sought by the LPSC. Entergy continues to assess the potential effects of the ALJ's Initial Decision, and how it will respond to the decision. It appears that the shift in total production costs under the terms of the ALJ's Initial Decision would not be as great as that sought in the LPSC's complaint, but would still be substantial. As an Initial Decision, it is not a FERC order, and Entergy and the other parties in the proceeding will have additional opportunities to explain their positions in the proceeding prior to the issuance of a FERC decision. FERC does not have a deadline by which it has to decide the proceeding and management does not expect a FERC decision before the fourth quarter 2004.

On February 10, 2004, the APSC issued an "Order of Investigation," in which it discusses the negative effect that implementation of the FERC ALJ's Initial Decision would have on Entergy Arkansas' customers. The APSC order includes a preliminary estimate that the FERC ALJ's Initial Decision would shift approximately \$125 million of costs for the year 2003 to Entergy Arkansas' retail customers, and would shift an average of approximately \$113 million per year for the years 2004-2011 to Entergy Arkansas' retail customers. The APSC order establishes an investigation into whether Entergy Arkansas' continued participation in the System Agreement is in the best interest of its customers, and whether there are steps that Entergy Arkansas or the APSC can take "to protect [Entergy Arkansas' customers] from future attempts by Louisiana, or any other Entergy retail regulator, to shift its high costs to Arkansas." Entergy Arkansas' initial testimony in the proceeding is due in April 2004.

In addition to the APSC's Order of Investigation, Entergy's retail regulators have and may continue to question the prudence and other aspects of Entergy System or domestic utility company contracts or assets that may not be subject to their respective jurisdictions. For instance, in its Order of Investigation, the APSC discusses aspects of Entergy Louisiana's power purchases from the Vidalia project, and the APSC has publicly announced its intention to initiate an inquiry into the Vidalia purchase power contract. Entergy believes that any such inquiry would have to occur at FERC.

#### **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

#### MARKET AND CREDIT RISKS

Market risk is the risk of changes in the value of commodity and financial instruments, or in future operating results or cash flows, in response to changing market conditions. Entergy is exposed to the following significant market risks:

- The commodity price risk associated with Entergy's Non-Utility Nuclear and Energy Commodity Services segments.
- The foreign currency exchange rate risk associated with certain of Entergy's contractual obligations.
- The interest rate and equity price risk associated with Entergy's investments in decommissioning trust funds.

Entergy is also exposed to credit risk. Credit risk is the risk of loss from nonperformance by suppliers, customers, or financial counterparties to a contract or agreement. Where it is a significant consideration, counterparty credit risk is addressed in the discussions that follow.

#### **Commodity Price Risk**

#### POWER GENERATION

The sale of electricity from the power generation plants owned by Entergy's Non-Utility Nuclear business and Energy Commodity Services, unless otherwise contracted, is subject to the fluctuation of market power prices. Entergy's Non-Utility Nuclear business has entered into power purchase agreements (PPAs) and other contracts to sell the power produced by its power plants at prices established in the PPAs. Entergy continues to pursue opportunities to extend the existing PPAs and to enter into new PPAs with other parties. Following is a summary of the amount of the Non-Utility Nuclear business' output that is currently sold forward under physical or financial contracts at fixed prices:

• • • •	2004	2005	2006	2007	2008
Non-Utility Nuclear:		· · · .			
% of planned generation					
sold forward	100%	52%	32%	16%	4%
Planned generation (GWh)	32,787	34,164	34,853	34,517	34,513
Average price per MWh	\$38	\$37	\$35	\$34	\$38

The Vermont Yankee acquisition included a 10-year PPA, which is through the expiration of the current operating license for the plant, under which the former owners will buy the power produced by the plant. The PPA includes an adjustment clause under which the prices specified in the PPA will be adjusted downward annually, beginning in November 2005, if power market prices drop below PPA prices. Accordingly, because the price is not fixed, the table above does not report power from that plant as sold forward after October 2005. Approximately 2% of Non-Utility Nuclear's planned generation in 2005, 13% in 2006, 12% in 2007, and 13% in 2008 is under contract from Vermont Yankee after October 2005. Under the PPAs with NYPA for the output of power from Indian Point 3 and FitzPatrick, the Non-Utility Nuclear business is obligated to produce at an average capacity factor of 85% with a financial true-up payment to NYPA should NYPA's cost to purchase power due to an output shortfall be higher than the PPAs' price. The calculation of any true-up payments is based on two two-year periods. For the first period, which ran through November 20, 2002, Indian Point 3 and FitzPatrick operated at 95% and 97%, respectively, under the true-up formula. Credits of up to 5% reflecting period one generation above 85% can be used to offset any output shortfalls in the second period, which runs through the end of the PPAs on December 31, 2004.

Included in the planned generation sold forward percentages are contracts entered into in 2003 that are not unit contingent but are firm contracts containing liquidated damages provisions. These firm contracts are for 1% of Non-Utility Nuclear's planned generation in 2005, 4% in 2006, 2% in 2007, and 0% in 2008.

In addition to selling the power produced by its plants, the Non-Utility Nuclear business sells installed capacity to load-serving distribution companies in order for those companies to meet requirements placed on them by the Independent System Operators in their area. Following is a summary of the amount of the Non-Utility Nuclear business' installed capacity that is currently sold forward, and the blended amount of the Non-Utility Nuclear business' planned generation output and installed capacity that is currently sold forward:

	2004	2005	2006	2007	2008	
Non-Utility Nuclear:				•		
Percent of capacity sold forwar	rd: ·	· · ·	· ·	· . ` ·	•	
Bundled capacity and	1					
energy contracts	55%	15%	12%	13%	13%	
Capacity contracts	28%	15%	6%	. 3%	· : -	
Total	83%	30%	· 18%	16%	, 13%	
Planned MW in operation	4,111	4,203	4,203	4,203	4,203	
Average capacity contract		•		· . ·		
price per kW per month	\$2.4	\$1.3	\$0.6	\$0.7	N/A	
Blended Capacity and Energy			•			
(based on revenues)			•		•. •	
% of planned generation and			. ·		-	
capacity sold forward	99%	49%	28%	13%	- 4%	
Average contract			`:·	· .	÷.,	
revenue per MWh	\$ 39	\$ 37	\$ 35	\$ 34	\$ 38	

As of December 31, 2003, approximately 99% of Entergy's counterparties to Non-Utility Nuclear's energy and capacity contracts have investment grade credit ratings.

Following is a summary of the amount of Energy Commodity Services' output and installed capacity that is currently sold forward under physical or financial contracts at fixed prices:

· · · · · · · · · · · · · · · · · · ·			1 A A		
· · · · · · · · · · · · · · · · · · ·	2004	2005	2006	2007	2008
Energy Commodity Services:	•	·		2. 1	· ,
Capacity		· · ·		• •	
Planned MW in operation	1,911	1,911	, 1,911	. 1,911	1,911
% of capacity sold forward	43%	<sup>:</sup> 43%	34%	31%	26%
Energy	•	· · .• .	. ,		<sup>.</sup>
Planned generation (GWh)	3,321	3,348	3,337	3,545	4,015
% of planned generation	· · ·			· . · ·	
sold forward	64%	67%	52%	42%	39%
Blended Capacity and Energy		1 - A			
(based on revenues)	• . •	• .			· · · ·
% of planned energy and			•	····	
· capacity sold forward	62%	66%	50%	41%	35%
Average contract			÷ .		• •
revenue per MWh	\$26	\$25	\$27	\$31	\$28

The increase in the planned generation sold forward percentages from the percentages in the 2002 Annual Report is attributable to Entergy Louisiana and Entergy New Orleans contracts involving RS Cogen and Independence 2 entered into in 2003. These contracts are still subject to a FERC review proceeding scheduled for hearing later in 2004.

Entergy continually monitors industry trends in order to determine whether asset impairments or other losses could result from a decline in value, or cancellation, of merchant power projects, and records provisions for impairments and losses accordingly.

#### MARKETING AND TRADING

The earnings of Entergy's Energy Commodity Services segment are exposed to commodity price market risks primarily through Entergy's 50%-owned, unconsolidated investment in Entergy-Koch. Entergy-Koch Trading (EKT) uses value-at-risk models as one measure of the market risk of a loss in fair value for EKTs natural gas and power trading portfolio. Actual future gains and losses in portfolios will differ from those estimated based upon actual fluctuations in market rates, operating exposures, and the timing thereof, and changes in the portfolio of derivative financial instruments during the year.

To manage its portfolio, EKT enters into various derivative and contractual transactions in accordance with the policy approved by the trading committee of the governing board of Entergy-Koch. The trading portfolio consists of physical and financial natural gas and power as well as other energy and weather-related contracts. These contracts take many forms, including futures, forwards, swaps, and options. Characteristics of EKTs value-at-risk method and the use of that method are as follows:

- Value-at-risk is used in conjunction with stress testing, position reporting, and profit and loss reporting in order to measure and control the risk inherent in the trading and mark-to-market portfolios.
- EKT estimates its value-at-risk using a model based on J.P. Morgan's Risk Metrics methodology combined with a Monte Carlo simulation approach.
- EKT estimates its daily value-at-risk for natural gas and power using a 97.5% confidence level. EKTs daily value-at-risk is a measure that indicates that, if prices moved against the positions, the loss in neutralizing the portfolio would not be expected to exceed the calculated value-at-risk.
- EKT seeks to limit the daily value-at-risk on any given day to a certain dollar amount approved by the trading committee.

EKTs value-at-risk measures, which it calls Daily Earnings at Risk (DE@R), for its trading portfolio were as follows (in millions):

	2003	2002	2001
DE@R at the end of the year	\$ 9.6	\$15.2	\$5.5
Average DE@R for the year	\$13.6	\$10.8	\$6.4
Low DE@R for the year	\$ 5.9	\$ 6.6	\$3.6
High DE@R for the year	\$35.2	\$16.9	\$8.0

EKT's DE@R at the end of the year was lower in 2003 compared to 2002 as a result of reduced strength of point-ofview during the second half of 2003. EKT's average DE@R increased in 2003 compared to 2002 as a result of an increase in the size of the position held, particularly during the first quarter of 2003. EKT's average DE@R increased in 2002 compared to 2001 as a result of an increase in the size of the position held and an increase in the volatility of natural gas prices in the latter part of the year.

For all derivative and contractual transactions, EKT is exposed to losses in the event of nonperformance by counterparties to these transactions. Relevant considerations when assessing EKTs credit risk exposure include:

- EKT's operations are primarily concentrated in the energy industry.
- EKT's trade receivables and other financial instruments are predominantly with energy, utility, and financial services related companies, as well as other trading companies in the U.S., UK, and Western Europe.
- EKT maintains credit policies, which its management believes minimize overall credit risk.
- Prospective and existing customers are reviewed for creditworthiness based upon pre-established standards, with customers not meeting minimum standards providing various secured payment terms, including the posting of cash collateral.

#### **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

• EKT also has master netting agreements in place. These agreements allow EKT to offset cash and non-cash gains and losses arising from derivative instruments with the same counterparty. EKTs policy is to have such master netting agreements in place with significant counterparties.

Based on EKTs policies, risk exposures, and valuation adjustments related to credit, EKT does not anticipate a material adverse effect on its financial position as a result of counterparty nonperformance. As of December 31, 2003, approximately 91% of EKTs counterparty credit exposure is associated with companies that have at least investment grade credit ratings.

Following are EKTs mark-to-market assets (liabilities) and the period within which the assets (liabilities) would be realized (paid) in cash if they are held to maturity and market prices are unchanged (in millions):

Maturities and Sources for Fair Value of Trading 0-12 13-24 25 Contracts at December 31, 2003 months months months Total Prices actively quoted \$126.3 \$(87.1) \$(14.6) \$24.6 Prices provided by '(10.1) .0.3 other sources 5.6 4.8 Prices based on models (28.0)14.2 4.9 (8.9)\$103.1 \$(83.0) \$ .(4.1) \$16.0 Total

Following is a roll-forward of the change in the fair value of EKTs mark-to-market contracts during 2003 (in millions):

	2003
Fair value of contracts outstanding	lete de
at December 31, 2002 after implementation	
of Emerging Issues Task Force (EITF) 02-03	\$ 90.9
(Gain)Noss from contracts	an a
realized/settled during the year	(580.0)
Net option premiums received during the year	275.7
Change in fair value of contracts attributable	
to market movements during the year	229.4
Net change in contracts outstanding	
during the year	(74.9)
Fair value of contracts at December 31, 2003	\$ 16.0

#### Foreign Currency Exchange Rate Risk

Entergy Gulf States, System Fuels, and Entergy's Non-Utility Nuclear business enter into foreign currency forward contracts to hedge the Euro-denominated payments due under certain purchase contracts. The notional amounts of the foreign currency forward contracts are 142.8 million Euro and the forward currency rates range from .8641 to 1.085. The maturities of these forward contracts depend on the purchase contract payment dates and range in time from January 2004 to January 2007. The mark-to-market valuation of the forward contracts at December 31, 2003 was a net asset of \$50 million. The counterparty banks obligated on these agreements are rated by Standard & Poor's Rating Services at AA on their senior debt obligations as of December 31, 2003.

#### Interest Rate and Equity Price Risk • Decommissioning Trust Funds

Entergy's nuclear decommissioning trust funds are exposed to fluctuations in equity prices and interest rates. The Nuclear Regulatory Commission (NRC) requires Entergy to maintain trusts to fund the costs of decommissioning ANO 1, ANO 2, River Bend, Waterford 3, Grand Gulf 1, Pilgrim, Indian Point 1 and 2, and Vermont Yankee (NYPA currently retains the decommissioning trusts and liabilities for Indian Point 3 and FitzPatrick). The funds are invested primarily in equity securities; fixed-rate, fixedincome securities; and cash and cash equivalents. Management believes that exposure of the various funds to market fluctuations will not affect Entergy's financial results of operations as it relates to the ANO 1 and 2, River Bend, Grand Gulf 1, and Waterford 3 trust funds because of the application of regulatory accounting principles. The Pilgrim, Indian Point 1 and 2, and Vermont Yankee trust funds collectively hold approximately \$895 million of fixedrate, fixed-income securities as of December 31, 2003. These securities have an average coupon rate of approximately 5.6%, an average duration of approximately 5.2 years, and an average maturity of approximately 7.9 years. The Pilgrim, Indian Point 1 and 2, and Vermont Yankee trust funds also collectively hold equity securities worth approximately \$450 million as of December 31, 2003. These securities are generally held in funds that are designed to approximate or somewhat exceed the return of the Standard & Poor's 500 Index, and a relatively small percentage of the securities are held in a fund intended to replicate the return of the Wilshire 4500 Index. The decommissioning trust funds are discussed more thoroughly in Notes 1 and 9 to the consolidated financial statements.

#### UTILITY RESTRUCTURING

In Entergy's U.S. Utility service territory, movement to retail competition either has not occurred or has been abandoned, with the exception of Texas, where it has been significantly delayed. At FERC, the pace of restructuring at the wholesale level has begun but has also been delayed. It is too early to predict the ultimate effects of changes in U.S. energy markets. Restructuring issues are complex and are continually affected by events at the national, regional, state, and local levels. These changes may result, in the long-term, in fundamental changes in the way traditional integrated utilities and holding company systems, like the Entergy system, conduct their business. Some of these changes may be positive for Entergy, while others may not be.

In the long-term, these changes may result in increased costs associated with utility unbundling of services or functions and transitioning in new organizational structures and ways of conducting business. It is possible that the new organizational structures that may be required will result in lost economies of scale, less beneficial cost sharing arrangements within utility holding company systems, and, in some cases, greater difficulty and cost in accessing capital. Furthermore, these changes could result in early refinancing of debt, the reorganization of debt, or other obligations between newly formed companies and Entergy. As a result of federal and state "codes of conduct" and affiliate transaction rules, adopted as part of restructuring, new non-utility affiliates in Entergy's system may be precluded from, or limited in, doing business with affiliated electric market participants, or have prices set at the lower of cost or market. In addition, regulators may impose limits on (price caps), rather than have the market set, wholesale energy prices. There are a number of other changes that may result from electric business competition and unbundling, including, but not limited to, changes to labor relations, management and staffing, structure of operations, environmental compliance responsibility, and other aspects of the utility business.

#### Transmission

In 2000, FERC issued an order encouraging utilities to voluntarily place their transmission facilities under the control of independent RTOs (regional transmission organizations) by December 15, 2001. Delays in implementing the FERC order have occurred due to a variety of reasons, including the fact that utility companies, other stakeholders, and federal and state regulators continue to work to resolve various issues related to the establishment of such RTOs. Entergy's domestic utility companies were participating with other transmission owners within the southeastern United States to establish an RTO, the proposed SeTrans RTO, but the sponsors determined that the regulatory approvals necessary for the development of the SeTrans RTO were unlikely to be obtained at the present time and in December 2003 suspended further development activity. Although SeTrans development is suspended, Entergy continues to focus its efforts on reforms that can further the core objectives of FERC's 2000 order: achieving greater independence in the provision of transmission service and a more efficient method of pricing that service. Entergy intends to work with FERC and Entergy's retail regulators on certain voluntary steps to further those objectives.

As currently contemplated, and assuming applicable regulatory support and approvals can be obtained, Entergy plans to contract with an independent transmission entity to oversee the granting of transmission service on the Entergy system as well as the implementation of the weekly procurement process that Entergy has proposed. Entergy will submit to FERC for its approval the proposed contract setting forth the independent entity's duties and obligations as well as other documents necessary to implement this proposed structure. The proposed structure does not transfer control of Entergy's transmission system to the independent entity, but rather will vest with the independent entity broad oversight authority over transmission planning and operations.

"Entergy continues to focus its efforts on reforms that can further the core objectives of FERC's 2000 order: achieving greater independence in the provision of transmission service and a more efficient method of pricing that service."

Entergy also intends that the independent transmission entity will administer a transition to participant funding that should increase the efficiency of transmission pricing on the Entergy system. Entergy intends for the independent transmission entity to determine whether transmission upgrades associated with new requests for service should be funded directly by the party requesting such service or by a broader group of transmission customers. This determination would be made in accordance with protocols approved by FERC and any party contesting such determination, including Entergy, would be required to seek review at FERC.

On February 13, 2004, a group of ten market participants filed with FERC a response to the announcement that the SeTrans sponsors had suspended further development efforts. In their response, the participants allege that absent the SeTrans RTO, the dominant utilities in the southeastern United States (Entergy and Southern Company) will continue to maintain control over the transmission system and will continue to have the ability to exercise market power in the wholesale market. The market participants urge FERC to: (1) order Entergy and Southern to immediately turn over control of their OASIS system to an independent entity; (2) initiate a formal investigation into competitive conditions in the southeastern United States; (3) issue a show cause order regarding revocation of Entergy's and Southern's market-based rate authority; and (4) either order Entergy and Southern into an RTO or initiate proceedings to appoint a market monitor and conduct various audits of Entergy's and Southern's practices and procedures related to the granting of transmission service and the planning of the transmission system. Entergy believes that the allegations contained in the response are without merit and plans to

#### **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

vigorously defend itself. See additional discussion related to this issue in FERC's Supply Margin Assessment section below.

In September 2001, the LPSC ordered Entergy Gulf States and Entergy Louisiana to show cause as to why these companies should not be enjoined from transferring their transmission assets, or control of those transmission assets, to an ITC (independent transmission company), RTO, or any similar organization, asserting that FERC does not have jurisdiction to mandate an ITC or RTO. This proceeding is pending.

#### FERC'S SUPPLY MARGIN ASSESSMENT

In November 2001, FERC issued an order that established a new generation market power screen (called Supply Margin Assessment) for purposes of evaluating a utility's request for market-based rate authority, applied that new screen to the Entergy System (among others), determined that Entergy and the others failed the screen within their respective control areas, and ordered these utilities to implement certain mitigation measures as a condition to their continued ability to buy and sell at market-based rates. Among other things, the mitigation measures would require that Entergy transact at cost-based rates when it is buying or selling in the hourly wholesale market within its control area. Entergy requested rehearing of the order, and FERC has delayed the implementation of certain mitigation measures until such time as it has had the opportunity to consider the rehearing request. In June 2003, FERC proposed and ultimately adopted new market behavior rules and tariff provisions that would be applied to any market-based sale. Entergy modified its market-based rate tariffs to reflect the new provisions but has requested rehearing of FERC's order. Additionally, during December 2003, FERC announced it was holding additional technical conferences on proposed modifications to its Supply Margin Assessment screen. Two technical conferences were held during January 2004. Entergy has filed comments in this proceeding urging FERC to rely on an "uncommitted capacity" version of any market screen in order to reflect a utility's native load obligations. It is Entergy's belief that cost-based regulation effectively mitigates both the ability and the incentive to exercise market power to the extent of the native load obligations. A FERC rule on Supply Margin Assessment could be issued by the end of March 2004.

Separately, Entergy-Koch Trading filed its triennial market power update on January 26, 2004. Three market participants intervened and urged FERC to reject Entergy-Koch Trading's triennial update and terminate Entergy-Koch Trading's, the domestic utility companies', and their affiliates' market-based rate authority for sales within the Entergy control area unless and until adequate mitigation measures have been implemented. If FERC were to revoke Entergy-Koch Trading's, the domestic utility companies', and their affiliates' market-based rate authority for wholesale sales within the Entergy control area, these entities would be limited to making wholesale sales pursuant to cost-based rate schedules approved by FERC. Entergy's wholesale sales within its control area could be cost-justified and the wholesale electricity sales of Entergy-Koch Trading within Entergy's control area are of a limited amount; therefore, management does not believe that the revocation of market-based rate authority would have a material effect on the financial results of Entergy. In spite of this, Entergy intends to vigorously defend its marketbased rate authority.

In a separate, but related proceeding, in December 2003, FERC determined that the acquisition by Oklahoma Gas & Electric (OG&E) of a generating facility within its control area from a non-affiliated entity would undermine competition and was, accordingly, not consistent with the public interest. Based on this conclusion, FERC then set the matter for hearing to determine what mitigation remedies would be necessary to address the market power issues. FERC's determination that the acquisition would raise market power concerns was premised on an analysis that relied on OG&E's total capacity, not its uncommitted capacity. This proceeding, and FERC's ultimate ruling, could significantly affect a utility's ability to acquire needed non-affiliated generation resources in its service territory, such as the pending purchase of the Perryville power plant by Entergy Louisiana.

"Entergy does not expect that retail open access is likely to begin for Entergy Gulf States before the first quarter of 2005."

#### **INTERCONNECTION ORDERS**

In January 2003, FERC issued two orders in proceedings involving Interconnection Agreements between each of the domestic utility companies (except Entergy New Orleans) and certain generators interconnecting to the domestic utility companies' transmission system. In the orders, FERC authorized the generators to abrogate certain provisions of the interconnection agreements in order to avail themselves of new FERC policies developed after the generators' execution of the agreements. Under FERC's orders, capital costs that the generators had agreed to bear will now be shifted to Entergy's native load and other transmission customers. Other generators that previously had executed interconnection agreements agreeing to bear similar costs have also filed complaints to obtain the same or similar relief against the domestic utility companies. In the event that the generators that have interconnected to the Entergy transmission system are successful in obtaining such relief, it is estimated that approximately \$280 million of costs will be shifted from the interconnecting generators to the domestic utility companies' other transmission customers, including the domestic utility companies' bundled-rate retail customers. Entergy intends to pursue all regulatory and legal avenues available to it in order to have these orders reversed, and the affected interconnection agreements reinstated as agreed to by the generators. The domestic utility companies had appealed previously to the Court of Appeals for the D.C. Circuit the FERC orders initially establishing the new FERC policy that was applied retroactively in the January orders. In the orders currently pending before the D.C. Circuit, FERC had applied the new policy on a prospective basis. In an opinion issued in February 2003, the D.C. Circuit denied Entergy's petition for review in one proceeding, concluding that FERC had not acted in an arbitrary and capricious manner when it changed its policy from that of directly assigning certain interconnection costs to the generator to a policy in which those costs are borne by all customers on the domestic utility companies' transmission system. A related proceeding concerning a similar change in policy for another segment of interconnection costs is still pending before the D.C. Circuit.

In July 2003, FERC issued its final rule on the standardization of generation interconnection agreements and procedures (Order 2003). Among other things, Order 2003 incorporates pricing policies that require the transmission provider's other customers to bear the vast majority of costs required when a new generator interconnects to its transmission system or requests transmission upgrades necessary for the generator to be considered a network resource for load serving entities within the transmission provider's control area. Order 2003 also requires that generators that fund upgrades receive their money back, with interest, in no more than five years. Order 2003, which FERC has indicated is to be applied only to prospective interconnection agreements, became effective on January 20, 2004. Consistent with their past practices, the generators that had previously executed interconnection agreements with Entergy and that have transmission credits outstanding have filed complaints at FERC seeking to avail themselves of the more beneficial crediting aspects of FERC's final rule. Entergy has opposed such relief and the proceedings are pending. On March 5, 2004, FERC issued an order on rehearing responding to certain issues raised with respect to Order 2003. While management is still analyzing the order on rehearing, it appears that FERC has modified Order 2003 to, among other things, eliminate the requirement that the generators receive their money back in no more than five years and include a requirement that the generators receive credits only when transmission service is taken from the specific generating facility served by the interconnection or upgrade. Because the order on rehearing was just issued, however, management's analysis of the effects of the order is ongoing.

#### Retail

Only in the Texas portion of Entergy Gulf States' service territory has there been significant movement toward retail open access, but implementation has been delayed in that territory. Entergy does not expect that retail open access is likely to begin for Entergy Gulf States before the first quarter of 2005. Entergy Gulf States' Texas-jurisdictional base rates remain unchanged as a result of a base rate freeze implemented in connection with the delay in implementation of retail open access in its Texas service territory. While the PUCT has approved, on an interim basis, a business separation plan for Entergy Gulf States in Texas, and has approved market protocols to implement an interim solution (retail open access without a FERC-approved RTO), several other proceedings necessary to implement retail open access are still pending in Texas. In addition, the LPSC has not approved certain matters needed for retail open access to begin in Texas. Delay in the start of retail open access may delay or jeopardize the regulatory approvals. required for retail open access. Retail open access legislation has not been enacted in the other jurisdictions in Entergy's service territory, except for in Arkansas, where it was repealed in February 2003. The status of electric industry restructuring in Entergy's U.S. Utility service territory is more thoroughly discussed in Note 2 to the consolidated financial statements.

#### Federal Legislation

Federal legislation intended to facilitate wholesale competition in the electric power industry has been seriously considered by the United States Congress, in both the House of Representatives and the Senate. In 2003, both the House and Senate passed separate versions of comprehensive energy legislation. The bills contain electricity provisions that would, among other things, repeal PUHCA, repeal or modify the Public Utility Regulatory Policies Act of 1978 (PURPA), enact a mechanism for establishing enforceable reliability standards, provide FERC with new authority over utility mergers and acquisitions, and codify FERCs authority over market-based rates. Late in 2003, a conference committee approved a bill reconciling the differences between the two bills, but that bill has not been brought up for a vote in the Senate.

#### NUCLEAR MATTERS

The domestic utility companies, System Energy, and Non-Utility Nuclear subsidiaries own and operate ten nuclear power generating units and the shutdown Indian Point 1 nuclear reactor. Entergy is, therefore, subject to the risks related to owning and operating nuclear plants. These include risks from the use, storage, handling, and disposal of high-level and low-level radioactive materials, limitations on the amounts and types of insurance commercially available for losses in connection with nuclear operations, and technological and financial uncertainties related to

#### MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS continued

decommissioning nuclear plants at the end of their licensed lives, including the sufficiency of funds in decommissioning trusts. In the event of an unanticipated early shutdown of any of Entergy's nuclear plants, Entergy may be required to provide additional funds or credit support to satisfy regulatory requirements for decommissioning.

Concerns are being expressed in public forums about the safety of nuclear generating units and nuclear fuel, in particular in the area where Entergy's Indian Point units are located, which are discussed in more detail below. These concerns have led to various proposals to federal regulators as well as governing bodies in some localities where Entergy owns nuclear plants for legislative and regulatory changes that could lead to the shut-down of nuclear units, denial of license extension applications, municipalization of nuclear units, restrictions on nuclear units as a result of unavailability of sites for nuclear fuel disposal, or other adverse effects on owning and operating nuclear power plants. Entergy believes that its generating units are in compliance with NRC requirements and intends to vigorously respond to these concerns and proposals.

Groups of concerned citizens and local public officials have raised concerns about safety issues associated with Entergy's Indian Point power plants located in New York. They argue that Indian Point's security measures and emergency plans do not provide reasonable assurance to protect the public health and safety. The NRC has original jurisdiction over these matters. In a decision that became final on December 13, 2002, the NRC denied a petition filed by Riverkeeper, Inc. asking the NRC to order Entergy to suspend operations, revoke the operating license, or adopt other measures, including a temporary shutdown of Indian Point 2 and Indian Point 3. The NRC noted that after September 11, 2001, it ordered enhanced security measures at all nuclear facilities and found that as a result of the collective measures taken since September 11, 2001, the security at Indian Point provides adequate protection of public health and safety. The NRC further found that the existing emergency response plans are flexible enough to respond to a wide variety of adverse conditions, including a terrorist attack, and that the current spent fuel storage system adequately protects the public health and safety. Riverkeeper petitioned the United States Court of Appeals for the Second Circuit for review of this final action of the NRC, and, in February 2004, the Second Circuit affirmed the NRC and dismissed the petition for review.

In addition, certain concerns are being raised regarding the adequacy of the emergency evacuation plans for Indian Point. These matters initially must be reviewed by the Federal Emergency Management Agency (FEMA). Jurisdiction as to the overall adequacy of emergency planning and preparedness for Indian Point lies with the NRC. Entergy believes that the emergency evacuation plans for Indian Point are adequate to ensure the public health and safety in compliance with NRC requirements. Entergy is working with New York state and county officials, FEMA, the NRC, and other federal agencies to make additional improvements to the plans that may be warranted and to assure them as to the adequacy of the plans.

In July 2003, FEMA issued its notice of certification of the Indian Point Emergency Plan. The NRC followed soon thereafter with its endorsement. In August 2003, Westchester County filed an administrative appeal of the FEMA ruling that the emergency plans are adequate to protect the public health and safety. FEMA regulations on emergency plans provide for appeals in only two situations: (1) FEMA's approval or disapproval of a radiological emergency response plan (RERP) for a nuclear power facility; and (2) FEMA's determination to withdraw approval for a state or local RERP. In both cases, the appeal process is the same.

#### LITIGATION

Entergy and its subsidiaries are involved in the ordinary course of business in a substantial amount of employment, asbestos, hazardous material, and other environmental and rate-related proceedings and litigation. Entergy uses legal and appropriate means to contest vigorously litigation threatened or filed against it, but litigation poses a significant business risk to Entergy.

#### CRITICAL ACCOUNTING ESTIMATES

The preparation of Entergy's financial statements in conformity with generally accepted accounting principles (GAAP) requires management to make estimates and judgments that can have a significant effect on reported financial position, results of operations, and cash flows. Management has identified the following estimates as critical accounting estimates because they are based on assumptions and measurements that involve an unusual degree of uncertainty, and there is the potential that different assumptions and measurements could produce estimates that are significantly different than those recorded in Entergy's financial statements.

#### NUCLEAR DECOMMISSIONING COSTS

Entergy owns a significant number of nuclear generation facilities in both its U.S. Utility and Non-Utility Nuclear business units. Regulations require that these facilities be decommissioned after the facility is taken out of service, and funds are collected and deposited in trust funds during the facilities' operating lives in order to provide for this obligation. Entergy conducts periodic decommissioning cost studies (typically updated every three to five years) to estimate the costs that will be incurred to decommission the facilities. Note  $\theta$  to the consolidated financial statements contains details regarding Entergy's most recent studies and the obligations recorded by Entergy related to decommissioning. The following key assumptions have a significant effect on these estimates: **COST ESCALATION FACTORS -** Entergy's decommissioning revenue requirement studies include an assumption that decommissioning costs will escalate over present cost levels by annual factors ranging from approximately CPI-U to 5.5%. A 50 basis point change in this assumption could change the ultimate cost of decommissioning a facility by as much as 11.0%.

TIMING - In projecting decommissioning costs, two assumptions must be made to estimate the timing of plant decommissioning. First, the date of the plant's retirement must be estimated. The expiration of the plant's operating license is typically used for this purpose, or an assumption could be made that the plant will be relicensed and operate for some time beyond the original license term. Second, an assumption must be made whether decommissioning will begin immediately upon plant retirement, or whether the plant will be held in "safestore" status for later decommissioning, as permitted by applicable regulations. While the impact of these assumptions cannot be determined with precision, assuming either license extension or use of a "safestore" status can significantly decrease the present value of these obligations.

**SPENT FUEL DISPOSAL** - Federal regulations require the Department of Energy to provide a permanent repository for the storage of spent nuclear fuel, and recent legislation has been passed by Congress to develop this repository at Yucca Mountain, Nevada. However, until this site is available, nuclear plant operators must provide for interim spent fuel storage on the nuclear plant site, which can require the construction and maintenance of dry cask storage sites or other facilities.

The costs of developing and maintaining these facilities can have a significant impact (as much as 16% of estimated decommissioning costs). Entergy's decommissioning studies include cost estimates for spent fuel storage. However, these estimates could change in the future based on the timing of the opening of the Yucca Mountain facility, the schedule for shipments to that facility when it is opened, or other factors. **TECHNOLOGY AND REGULATION - To date, there is** limited practical experience in the U.S. with actual decommissioning of large nuclear facilities. As experience is gained and technology changes, cost estimates could also change. If regulations regarding nuclear decommissioning were to change, this could have a potentially significant impact on cost estimates. The impact of these potential changes is not presently determinable. Entergy's decommissioning cost studies assume current technologies and regulations.

The implications of these estimates vary significantly between Entergy's U.S. Utility and Non-Utility Nuclear businesses. Separate discussions of these implications by business segment follow.

#### U.S. Utility

Entergy collects substantially all of the projected costs of decommissioning the nuclear facilities in its U.S. Utility business segment through rates charged to customers, except for portions of River Bend, which is discussed in more detail below. The amounts collected through rates, which are based upon decommissioning cost studies, are deposited in decommissioning trust funds. These collections plus earnings on the trust fund investments are generally estimated to be sufficient to fund the future decommissioning costs. For the U.S. Utility segment, if decommissioning cost study estimates were changed and approved by regulators, collections from customers would also change.

Approximately half of River Bend is not currently subject to cost-based ratemaking. When Entergy Gulf States obtained the 30% share of River Bend formerly owned by Cajun, Entergy Gulf States obtained decommissioning trust funds of \$132 million, which have since grown to almost \$150 million. Entergy Gulf States believes that these funds will be sufficient to cover the costs of decommissioning this portion of River Bend, and no further collections or deposits are being made for these costs. Additionally, under the Deregulated Asset Plan in the Louisiana jurisdiction of Entergy Gulf States, a portion of River Bend (approximately 16% of its total capacity) is excluded from rate base, and no amounts have been or are being collected for decommissioning for this portion of the plant.

#### **Non-Utility Nuclear**

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In conjunction with the purchase of Entergy's Non-Utility Nuclear facilities, Entergy assumed the decommissioning obligations and received the related decommissioning trust funds (except for the NYPA acquisition, in which NYPA retained the decommissioning obligations for the Indian Point 3 and FitzPatrick units). Based on decommissioning cost studies and expected plant operation lives, Entergy believes that the amounts in the trust funds will be sufficient to fund future decommissioning costs without additional deposits from Entergy.

As Entergy has assumed these decommissioning obligations without any further external source of funding, changes in estimates of decommissioning costs for these units will have a direct impact on Entergy's financial position and results of operations.

#### **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

#### SFAS 143

Entergy implemented SFAS 143, "Accounting for Asset Retirement Obligations," effective January 1, 2003. Nuclear decommissioning costs comprise substantially all of Entergy's asset retirement obligations, and the measurement and recording of Entergy's decommissioning obligations changed significantly with the implementation of SFAS 143. The most significant differences in the measurement of these obligations are outlined below:

**RECORDING OF FULL OBLIGATION** - SFAS 143 requires that the fair value of an asset retirement obligation be recorded when it is incurred. This caused the recorded decommissioning obligation in Entergy's U.S. Utility business to increase significantly, as Entergy had previously only recorded this obligation as the related costs were collected from customers, and as earnings were recorded on the related trust funds.

FAIR VALUE APPROACH - SFAS 143 requires that these obligations be measured using a fair value approach. Among other things, this entails the assumption that the costs will be incurred by a third party and will therefore include appropriate profit margins and risk premiums. Entergy's decommissioning studies to date have been based on Entergy performing the work, and have not included any such margins or premiums. Inclusion of these items increased cost estimates. DISCOUNT RATE - SFAS 143 requires that these obligations be discounted using a credit-adjusted, risk-free rate. This resulted in significant decreases in Entergy's decommissioning obligations in the Non-Utility Nuclear business, as this discount rate is higher than the implicit rates utilized by Entergy in accounting for these obligations through December 31, 2002.

The net effect on Entergy's financial statements of implementing SFAS 143 for the U.S. Utility and Non-Utility Nuclear businesses follows:

For the U.S. Utility business, the implementation of SFAS 143 for the rate-regulated business of the domestic utility companies and System Energy was recorded as a regulatory asset, with no resulting impact on Entergy's net income. Entergy recorded these regulatory assets because existing rate mechanisms in each jurisdiction are based on the original or historical cost standard that allows Entergy to recover all ultimate costs of decommissioning existing assets from current and future customers. As a result of this treatment, SFAS 143 is expected to be earnings neutral to the rate-regulated business of the domestic utility companies and System Energy. Assets and liabilities increased by approximately \$1.1 billion in 2003 for the domestic utility companies and System Energy as a result of recording the asset retirement obligations at their fair values of \$1.1 billion as determined under SFAS 143, increasing utility plant by \$288 million, reducing accumulated depreciation by \$361 million and recording the related regulatory assets of \$422 million. The implementation of SFAS 143 for the portion of River Bend not subject to cost-based ratemaking decreased earnings by approximately \$21 million net-oftax (\$0.09 per share) as a result of a one-time cumulative effect of accounting change. In accordance with

ratemaking treatment and as required by SFAS 71, the depreciation provisions for Entergy's utility subsidiaries include a component for removal costs that are not asset retirement obligations under SFAS 143. Approximately 6% of the U.S. Utility's current depreciation rates, on a weighted-average basis, represents a component for the net of salvage value and removal costs.

For the Non-Utility Nuclear business, the implementation of SFAS 143 resulted in a decrease in liabilities in 2003 of approximately \$595 million due to reductions in decommissioning liabilities, a decrease in assets of approximately \$340 million, including a decrease in electric plant in service of \$315 million, and an increase in earnings of approximately \$155 million net-of-tax (\$0.67 per share) as a result of the one-time cumulative effect of accounting change.

Also, Entergy's 2003 earnings for the Non-Utility Nuclear business increased by approximately \$18 million after-tax over 2002 because of the change in accretion of the liability and depreciation of the adjusted plant costs. This effect will gradually decrease over future years as the accretion of the liability increases. Management expects that applying SFAS 143 post-implementation will have a minimal effect on ongoing earnings for the U.S. Utility business.

#### IMPAIRMENT OF LONG-LIVED ASSETS

Entergy has significant investments in long-lived assets in all of its segments, and Entergy evaluates these assets against the market economics and under the accounting rules for impairment whenever there are indications that impairments may exist. This evaluation involves a significant degree of estimation and uncertainty, and these estimates are particularly important in Entergy's U.S. Utility and Energy Commodity Services segments. In the U.S. Utility segment, portions of River Bend and Grand Gulf are not included in rate base, which could reduce the revenue that would otherwise be recovered for the applicable portions of those units' generation. In the Energy Commodity Services segment, Entergy's investments in merchant generation assets are subject to impairment if adverse market conditions arise. In order to determine if Entergy should recognize an impairment of a long-lived asset that is to be held and used, accounting standards require that the sum of the expected undiscounted future cash flows from the asset be compared to the asset's carrying value. If the expected undiscounted future cash flows exceed the carrying value, no impairment is recorded; if such cash flows are less than the carrying value, Entergy is required to record an impairment charge to write the asset down to its fair value. If an asset is held for sale, an impairment is required to be recognized if the fair value (less costs to sell) of the asset is less than its carrying value.

> "Electricity and gas prices have been very volatile in recent years, and this volatility is expected to continue for some time."

These estimates are based on a number of key assumptions, including:

• FUTURE POWER AND FUEL PRICES - Electricity and gas prices have been very volatile in recent years, and this volatility is expected to continue for some time. This volatility necessarily increases the imprecision inherent in the long-term forecasts of commodity prices that are a key determinant of estimated future cash flows. There is currently an oversupply of electricity throughout the U.S., and it is necessary to project economic growth and other macroeconomic factors in order to project when this oversupply will cease and prices will rise. Similarly, gas prices have been volatile as a result of recent fluctuations in both supply and demand, and projecting future trends in these prices is difficult.

MARKET VALUE OF GENERATION ASSETS - Valuing assets held for sale requires estimating the current market value of generation assets. While market transactions provide evidence for this valuation, the market for such assets is volatile and the value of individual assets is impacted by factors unique to those assets.

• FUTURE OPERATING COSTS - Entergy assumes relatively minor annual increases in operating costs. Technological or regulatory changes that have a significant impact on operations could cause a significant change in these assumptions. Due to the oversupply of power that existed throughout the U.S. and the UK in 2002, and the resulting decreases in spark spreads, consistent with Entergy's point of view, Entergy's impairment tests indicated that a number of impairments were required to be recognized in 2002 in the Energy Commodity Services segment. These impairments, which were also accompanied by other charges related to the restructuring of Entergy's independent power business, are further detailed in Note 12 to the consolidated financial statements.

#### MARK-TO-MARKET ACCOUNTING

The EITF reached a consensus to rescind Issue No. 98-10 effective January 1, 2003. Rescinding Issue No. 98-10 resulted in some energy-related contracts being accounted for on an accrual basis that were previously accounted for on a mark-to-market basis. Contracts that meet the provisions of SFAS 133 to qualify as derivatives are marked-to-market in accordance with the guidance in SFAS 133. Contracts such as capacity, transportation, storage, tolling, and full requirements contracts that are based on physical assets and do not meet the provisions of SFAS 133 to qualify as derivatives are accounted for using accrual accounting. Energy commodity inventories held by trading companies such as physical natural gas are accounted for at the lower of cost or market. The adoption of the consensus had minimal cumulative and ongoing earnings effects for Entergy's Energy Commodity Services business.

As required by generally accepted accounting principles, Entergy and Entergy-Koch mark-to-market commodity instruments held by them for trading and risk management purposes that are considered derivatives under SFAS 133. Because of the significant estimates and uncertainties inherent in mark-to-market accounting, this method is considered a critical accounting estimate for the Energy Commodity Services segment. Examples of commodity instruments that are marked to market include:

commodity futures, options, swaps, and forwards that are expected to be net settled; and

power sales agreements that do not involve delivery of power from Entergy's power plants.

#### **MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS** continued

Conversely, commodity contracts that are not considered derivatives, generally because they involve physical delivery of a commodity to the purchaser, are not marked to market. Examples of commodity contracts that are not marked to market include:

- the PPAs for Entergy's Non-Utility Nuclear plants;
- capacity purchases and sales by the U.S. Utility
- companies; and
- forward contracts that will result in physical delivery.

Fair value estimates of the commodity instruments that are marked to market are made at discrete points in time based on relevant market information. Market quotes are used in determining fair value whenever they are available. When market quotes are not available (e.g., long-dated commodity contract), other information is used, including transactional data and internally developed models. Fair value estimates based on these other methodologies are necessarily subjective in nature and involve uncertainties and matters of significant judgment. These uncertainties include projections of macroeconomic trends and future commodity prices, including supply and demand levels and future price volatility. The impact of these uncertainties, however, is lessened by the relatively short-term nature of the mark-to-market positions held by Entergy and EKT.

#### PENSION AND OTHER POSTRETIREMENT BENEFITS

Entergy sponsors defined benefit pension plans which cover substantially all employees. Additionally, Entergy provides postretirement health care and life insurance benefits for substantially all employees who reach retirement age while still working for Entergy. Entergy's reported costs of providing these benefits, as described in Note 11 to the consolidated financial statements, are impacted by numerous factors including the provisions of the plans, changing employee demographics and various actuarial calculations, assumptions, and accounting mechanisms. Because of the complexity of these calculations, the long-term nature of these obligations, and the importance of the assumptions utilized, Entergy's estimate of these costs is a critical accounting estimate for the U.S. Utility and Non-Utility Nuclear segments.

#### Assumptions

Key actuarial assumptions utilized in determining these costs include:

- Discount rates used in determining the future benefit obligations;
- Projected health care cost trend rates;
- Expected long-term rate of return on plan assets; and
- Rate of increase in future compensation levels.

Entergy reviews these assumptions on an annual basis and adjusts them as necessary. The falling interest rate environment and poor performance of the financial equity markets over the past several years have impacted Entergy's funding and reported costs for these benefits. In addition, these trends have caused Entergy to make a number of adjustments to its assumptions.

In selecting an assumed discount rate, Entergy reviews market yields on high-quality corporate debt. Based on recent market trends, Entergy reduced its discount rate from 7.5% in 2001 and 6.75% in 2002 to 6.25% in 2003. Entergy reviews actual recent cost trends and projected future trends in establishing health care cost trend rates. Based on this review, Entergy increased its health care cost trend rate assumption used in calculating the 2003 accumulated postretirement benefit obligation. The assumed health care cost trend rate is a 10% increase in health care costs in 2004 gradually decreasing each successive year until it reaches a 4.5% annual increase in health care costs in 2010 and beyond.

In determining its expected long-term rate of return on plan assets, Entergy reviews past long-term performance, asset allocations, and long-term inflation assumptions. Entergy targets an asset allocation for its pension plan assets of roughly 66% equity securities, 30% fixed income securities, and 4% other investments. The target allocation for Entergy's other postretirement benefit assets is 45% equity securities and 55% fixed income securities. Based on recent market trends, Entergy decreased its expected long-term rate of return on plan assets from 9% in 2001 to 8.75% for 2002 and 2003. The trend of reduced inflation caused Entergy to reduce its assumed rate of increase in future compensation levels from 4.6% in 2001 to 3.25% in 2002 and 2003.

#### **Cost Sensitivity**

The following chart reflects the sensitivity of pension cost to changes in certain actuarial assumptions (in thousands):

Actuarial	Change in	Impact on 2003	Impact on Projected
Assumption	Assumption	Pension Cost	Benefit Obligation
		Increase/(Decre	389C)
Discount rate	(0.25%)	\$4,882	\$83,651
Rate of return	Sec. Car	يە بەر ئىرى بەر بىر	
on plan assets	(0.25%)	\$4,346	
Rate of increase			
in compensation	0.25%	\$4,039	\$28,101

The following chart reflects the sensitivity of postretirement benefit cost to changes in certain actuarial assumptions (in thousands):

		·*	Impact on
		Impact on 2003	Accumulated
Actuarial	Change in	Postretirement	Postretirement
Assumption	Assumption	Benefit Cost	<b>Benefit Obligation</b>
		Increase/(Decrease)	
Health care			,
cost trend	0.25%	\$5,206	\$25,979
Discount rate	(0.25%)	\$3,278	\$29,500

Each fluctuation above assumes that the other components of the calculation are held constant.

#### Accounting Mechanisms

In accordance with SFAS No. 87, "Employers' Accounting for Pensions," Entergy utilizes a number of accounting mechanisms that reduce the volatility of reported pension costs. Differences between actuarial assumptions and actual plan results are deferred and are amortized into cost only when the accumulated differences exceed 10% of the greater of the projected benefit obligation or the marketrelated value of plan assets. If necessary, the excess is amortized over the average remaining service period of active employees.

Additionally, Entergy smoothes the impact of asset performance on pension expense over a twenty-quarter phase-in period through a "market-related" value of assets calculation. Since the market-related value of assets recognizes investment gains or losses over a twentyquarter period, the future value of assets will be impacted as previously deferred gains or losses are recognized. As a result, the losses that the pension plan assets experienced in 2002 may have an adverse impact on pension cost in future years depending on whether the actuarial losses at each measurement date exceed the 10% corridor in accordance with SFAS 87.

#### **Costs and Funding**

In 2003, Entergy's total pension cost was \$108 million, including a \$47 million charge related to the voluntary severance program. Entergy anticipates 2004 pension cost to increase to \$87 million due to a decrease in the discount rate from 6.75% to 6.25% and the phased-in effect of poor asset performance. Pension funding was \$35 million for 2003 and in 2004 is projected to be \$110 million due to the poor performance of the financial equity markets.

Due to negative pension plan asset returns from 2000 to 2002, Entergy's accumulated benefit obligation at December 31, 2003 and 2002 exceeded plan assets. As a result, Entergy was required to recognize an additional minimum liability as prescribed by SFAS 87. At December 31, 2003 Entergy reduced its additional minimum liability to \$180.2 million (\$149.4 million net of related pension assets) from \$208.1 million (\$175 million net of related pension assets) at December 31, 2002. This reduced the charge to other comprehensive income to \$9.3 million at December 31, 2003 from \$11 million at December 31, 2002, after reductions for the unrecognized prior service cost, amounts recoverable in rates, and taxes. Net income for 2003 and 2002 were not affected.

Total postretirement health care and life insurance benefit costs for Entergy in 2003 were \$165 million, including a \$64 million charge related to the voluntary severance program. In December 2003, the Medicare Prescription Drug, Improvement and Modernization Act of 2003 became law. The Act introduces a prescription drug benefit under Medicare (Part D) as well as a federal subsidy to employers who provide a retiree prescription drug benefit that is at least actuarially equivalent to Medicare Part D. Currently, specific authoritative guidance on the accounting for the federal subsidy is pending. Entergy expects 2004 post-retirement health care and life insurance benefit costs to approximate \$102 million.

#### MANAGEMENT'S FINANCIAL DISCUSSION AND ANALYSIS concluded

#### OTHER CONTINGENCIES

Entergy, as a company with multi-state domestic utility operations, and which also had investments in international projects, is subject to a number of federal, state, and international laws and regulations and other factors and conditions in the areas in which it operates, which potentially subject it to environmental, litigation, and other risks. Entergy periodically evaluates its exposure for such risks and records a reserve for those matters which are considered probable and estimable in accordance with generally accepted accounting principles.

#### Environmental

Entergy must comply with environmental laws and regulations applicable to the handling and disposal of hazardous waste. Under these various laws and regulations, Entergy could incur substantial costs to restore properties consistent with the various standards. Entergy conducts studies to determine the extent of any required remediation and has recorded reserves based upon its evaluation of the likelihood of loss and expected dollar amount for each issue. Additional sites could be identified which require environmental remediation for which Entergy could be liable. The amounts of environmental reserves recorded can be significantly affected by the following external events or conditions:

- Changes to existing state or federal regulation by governmental authorities having jurisdiction over air quality, water quality, control of toxic substances and hazardous and solid wastes, and other environmental matters.
- The identification of additional sites or the filing of other complaints in which Entergy may be asserted to be a potentially responsible party.
- The resolution or progression of existing matters through the court system or resolution by the EPA.

#### Litigation

Entergy has been named as defendant in a number of lawsuits involving employment, ratepayer, and injuries and damages issues, among other matters. Entergy periodically reviews the cases in which it has been named as defendant and assesses the likelihood of loss in each case as probable, reasonably estimable, or remote and records reserves for cases which have a probable likelihood of loss and can be estimated. Notes 2 and 9 to the consolidated financial statements include more detail on ratepayer and other lawsuits and management's assessment of the adequacy of reserves recorded for these matters. Given the environment in which Entergy operates, and the unpredictable nature of many of the cases in which Entergy is named as a defendant, however, the ultimate outcome of the litigation Entergy is exposed to has the potential to materially affect the results of operations of Entergy, or its operating company subsidiaries.

#### Sales Warranty and Tax Reserves

Entergy's operations, including acquisitions and divestitures, require Entergy to evaluate risks such as the potential tax effects of a transaction, or warranties made in connection with such a transaction. Entergy believes that it has adequately assessed and provided for these types of risks, where applicable. Any reserves recorded for these types of issues, however, could be significantly affected by events such as claims made by third parties under warranties, additional transactions contemplated by Entergy, or completion of reviews of the tax treatment of certain transactions or issues by taxing authorities. Entergy does not expect a material adverse effect from these matters.

#### **REPORT OF MANAGEMENT**

Management of Entergy Corporation and its subsidiaries has prepared and is responsible for the financial statements and related financial information included herein. The financial statements are based on accounting principles generally accepted in the United States of America. Financial information included elsewhere in this report is consistent with the financial statements.

To meet their responsibilities with respect to financial information, management maintains and enforces a system of internal accounting controls designed to provide reasonable assurance, on a cost-effective basis, as to the integrity, objectivity, and reliability of the financial records, and as to the protection of assets. This system includes communication through written policies and procedures, an employee Code of Entegrity, and an organizational structure that provides for appropriate division of responsibility and the training of personnel. This system is also tested by a comprehensive internal audit program.

The Audit Committee of the Board of Directors, composed solely of independent Directors, meets with the independent auditors, internal auditors, management, and internal accountants periodically to discuss internal accounting controls and auditing and financial reporting matters. The Audit Committee appoints the independent auditors annually and reviews with the independent auditors the scope and results of the audit effort. The Audit Committee also meets periodically with the independent auditors and the chief internal auditor without management, providing free access to the Committee.

Independent public accountants regularly evaluate the system of internal accounting controls and perform such tests and other procedures as they deem necessary to reach and express an opinion on the fairness of the financial statements. They also provide the Audit Committee their judgments about the quality of accounting policies and disclosures.

Management believes that these policies and procedures provide reasonable assurance that its operations are carried out with a high standard of business conduct.

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J. WAYNE LEONARD Chief Executive Officer

LEO P. DENAULT **Executive Vice President** and Chief Financial Officer

#### **INDEPENDENT AUDITORS' REPORT**

#### To the Board of Directors and Shareholders of Entergy Corporation:

We have audited the accompanying consolidated balance sheets of Entergy Corporation and subsidiaries as of December 31, 2003 and 2002, and the related consolidated statements of income; of retained earnings, comprehensive income, and paidin capital; and of cash flows for each of the three years in the period ended December 31, 2003. These financial statements are the responsibility of the Corporation's management. Our responsibility is to express an opinion on these financial statements based on our audits. We did not audit the financial statements of Entergy-Koch, LP for the year ended December 31, 2003, the Corporation's investment in which is accounted for by the use of the equity method. The Corporation's equity in earnings of unconsolidated equity affiliates for the year ended December 31, 2003 includes \$180,110,000 for Entergy Koch, LP, which earnings were audited by other auditors whose report has been furnished to us, and our opinion, insofar as it relates to the amount audited by other auditors included for such company, is based solely on the report of such other auditors.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits and the report of other auditors provide a reasonable basis for our opinion.

In our opinion, based on our audits and the report of other auditors, such consolidated financial statements present fairly, in all material respects, the financial position of Entergy Corporation and subsidiaries as of December 31, 2003 and 2002, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2003 in conformity with accounting principles generally accepted in the United States of America.

As discussed in Notes 1 and 9 to the consolidated financial statements, Entergy Corporation adopted the provisions of Statement of Financial Accounting Standards (SFAS) No. 143, "Accounting for Asset Retirement Obligations," and Financial Accounting Standards Board Interpretation No. 46, "Consolidation of Variable Interest Entities," in 2003, SFAS No. 142, "Goodwill and Other Intangible Assets," in 2002, and SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities," in 2001.

Deloitte + Toucke LLP

**DELOITTE & TOUCHE LLP** New Orleans, Louisiana March 9, 2004

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# CONSOLIDATED STATEMENTS OF INCOME

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In thousands, except share data, for the years ended December 31,	2003	2002	2001
OPERATING REVENUES:			
Domestic electric	\$7,397,175	\$6,646,414	\$7,244,827
Natural gas	186,176	125,353	185,902
Competitive businesses	1,611,569	1,533,268	2,190,170
Total	9,194,920	8,305,035	9,620,899
OPERATING EXPENSES:			
Operating and maintenance:			
Fuel, fuel-related expenses, and gas purchased for resale	1,987,217	2,154,596	3,681,677
Purchased power	1,697,959	832,334	1,021,432
Nuclear refueling outage expenses	159,995	105,592	89,145
Provision for turbine commitments, asset impairments,			
and restructuring charges	(7,743)	428,456	
Other operation and maintenance	2,484,436	2,488,112	2,151,742
Decommissioning	146,100	76,417	28,586
Taxes other than income taxes	405,659	380,462	399,849
Depreciation and amortization	850,503	839,181	721,033
Other regulatory credits - net Total	(13,761)	(141,836)	(20,510)
n an	7,710,365	7,163,314	8,072,954
OPERATING INCOME	1,484,555	1,141,721	1,547,945
OTHER INCOME:			
Allowance for equity funds used during construction	42,710	31,658	26,209
Interest and dividend income	87,386	118,325	159,805
Equity in earnings of unconsolidated equity affiliates	271,647	183,878	162,882
Miscellaneous – net	(76,505)	13,892	457
Total	<u> </u>	347,753	349,353
INTEREST AND OTHER CHARGES:			
Interest on long-term debt	485,964	526,442	563,758
Other interest – net	53,553	70,560	172,241
Allowance for borrowed funds used during construction	(33,191)	(24,538)	(21,419)
Total	506,326	572,464	714,580
INCOME BEFORE INCOME TAXES AND			
CUMULATIVE EFFECT OF ACCOUNTING CHANGES	1,303,467	917,010	1,182,718
Income taxes	490,074	293,938	455,693
INCOME BEFORE CUMULATIVE EFFECT			
OF ACCOUNTING CHANGES	813,393	623,072	727,025
CUMULATIVE EFFECT OF ACCOUNTING			
CHANGES (NET OF INCOME TAXES OF \$89,925 IN 2003			
AND \$10,064 IN 2001)	137,074	이 아이는 것 같아요.	23,482
CONSOLIDATED NET INCOME	950,467	623,072	750,507
Preferred dividend requirements and other	23,524	23,712	24,311
EARNINGS APPLICABLE TO COMMON STOCK	\$ 926,943	\$ 599,360	\$ 726,196
Earnings per average common share before	14 16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
cumulative effect of accounting changes:			
Basic	\$ 3.48	\$ 2.69	\$ 3.18
Diluted	\$ 3.42	\$ 2.64	\$ 3.13
Earnings per average common share:			
Basic	\$. 4.09	\$ 2.69	\$ 3.29
Diluted	\$ 4.01	\$ 2.64	\$ 3.23
Dividends declared per common share	\$ 1.60	\$ 1.34	\$ 1.28
Average number of common shares outstanding:			
Basic	226,804,370	223,047,431	220,944,270
Diluted	231,146,040	227,303,103	224,733,662

See Notes to Consolidated Financial Statements. <u>\_</u> . . ۰. 1. J.

#### CONSOLIDATED STATEMENTS OF RETAINED EARNINGS, COMPREHENSIVE INCOME, AND PAID-IN CAPITAL

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In thousands, for the years ended December 31,	2003	2002	2001
RETAINED EARNINGS			
Retained Earnings - Beginning of period	\$3,938,693	\$3,638,448	\$3,190,639
Add: Earnings applicable to common stock	926,943 \$926,943	599,360 \$599,360	726,196 \$726,196
Deduct:			
Dividends declared on common stock	362,941	299,031	278,342
Capital stock and other expenses	187	84	45
Total - Total	1 363,128 3 Sec. 1	299,115	278,387
Retained Earnings - End of period	\$4,502,508	\$3,938,693	\$3,638,448
ACCUMULATED OTHER	建金属的复数		
COMPREHENSIVE INCOME (LOSS) (NET OF TAXES)			
Balance at beginning of period:			an an ann an Arland an Arland. Anns a' chuir an Arland an Arland an Arland.
Accumulated derivative instrument			
fair value changes	\$ 17,313	\$ (17,973)	\$ -
Other accumulated comprehensive (loss) items	(39,673)	(70,821)	(75,033)
Total	(22,360)	(88,794)	
Cumulative effect to January 1, 2001			
of accounting change regarding			
fair value of derivative instruments		_	(18,021)
Net derivative instrument fair value			
changes arising during the period	(43,124) (43,124)	35,286 35,286	48 48
Foreign currency translation adjustments	4,169 4,169	65,948 (15,487)	4,615 4,615
Minimum pension liability adjustment	1,153 1,153	(10,489) (10,489)	
Net unrealized investment gains (losses)	52,367 52,367	(24,311) (24,311)	(403) (403)
Balance at end of period:		and the second	
Accumulated derivative			
instrument fair value changes	(25,811)	17,313	(17,973)
Other accumulated comprehensive income (loss) items	18,016	(39,673)	(70,821)
Total	\$ (7,795)	\$ (22,360)	\$ (88,794)
Comprehensive Income	\$941,508	\$584,359	\$730,456
PAID-IN CAPITAL			的复数运行性的
Paid-in Capital – Beginning of period	\$4,666,753	\$4,662,704	\$4,660,483
Add:			+ 1,000,100
Common stock issuances related to stock plans	100,862	4,049	2.221
Paid-in Capital – End of period	1\$4,767,615	\$4,666,753	\$4,662,704
See Notes to Consolidated Financial Statements.			

### ENTERGY CORPORATION AND SUBSIDIARIES 2003 DE SHEETS

#### CONSOLIDATED BALANCE SHEETS

In thousands, as of December 31,	2003	2002
ASSETS		
CURRENT ASSETS:		
Cash and cash equivalents:		
Cash	\$ 115,112	\$ 169,788
Temporary cash investments—at cost, which approximates market	576,813	1,165,260
Special deposits	308	280
Total cash and cash equivalents	692,233	1,335,328
Other temporary investments	50,000	
Notes receivable	1,730	2,078
Accounts receivable:		
Customer	398,091	323,215
Allowance for doubtful accounts	(25,976)	(27,285)
Other	246,824	244,621
Accrued unbilled revenues	384,860	319,133
Total receivables	1,003,799	859,684
Deferred fuel costs	245,973	55,653
Fuel inventory—at average cost	110,482	96,467
Materials and supplies—at average cost	548,921	525,900
Deferred nuclear refueling outage costs	138,836	163,646
Prepayments and other	127,270	166,827
Total	2,919,244	3,205,583
OTHER PROPERTY AND INVESTMENTS:		
investment in affiliates—at equity	1,053,328	824,209
Decommissioning trust funds	2,278,533	2,069,198
Non-utility property—at cost (less accumulated depreciation)	262,384	297,294
Other	152,681	277,539
Total	3,746,926	3,468,240
PROPERTY, PLANT AND EQUIPMENT:		
Electric	28,035,899	26,789,538
Property under capital lease	751,815	746,624
Natural gas	236,622	209,969
Construction work in progress	1,380,982	1,232,891
Nuclear fuel under capital lease	278,683	259,433
Nuclear fuel	234,421	263,609
Total property, plant and equipment	30,918,422	29,502,064
Less—accumulated depreciation and amortization	12,619,625	11,837,061
Property, plant and equipment—net	18,298,797	17,665,003
DEFERRED DEBITS AND OTHER ASSETS:		
Regulatory assets:		
SFAS 109 regulatory asset—net	830,539	844,105
Other regulatory assets	1,425,145	973,185
ong-term receivables	20,886	24,703
Goodwill	377,172	377,172
Dther	935,501	
JUIUI	000,001	946,375
Total	3,589,243	3,165,540

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See Notes to Consolidated Financial Statements.

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# CONSOLIDATED BALANCE SHEETS

In thousands, as of December 31,	2003	2002
LIABILITIES AND SHAREHOLDERS' EQUITY		
CURRENT LIABILITIES:		
Currently maturing long-term debt	\$ 524,372	\$ 1,191,320
Notes payable	351	351
Accounts payable	796,572	855,446
Customer deposits	199,620	198,442
Taxes accrued	224,926	385,315
Accumulated deferred income taxes	22,963	26,468
Nuclear refueling outage costs	8,238	14,244
Interest accrued	139,603	175,440
Obligations under capital leases	159,978	153,822
Other	205,600	171,341
Total	2,282,223	3,172,189
NON-CURRENT LIABILITIES:		
Accumulated deferred income taxes and taxes accrued	4,779,513	4,250,800
Accumulated deferred investment tax credits	420,248	447,925
Obligations under capital leases	153,898	155,943
Other regulatory liabilities	291,239	185,579
Decommissioning and retirement cost liabilities	2,242,312	2,115,744
Transition to competition	79,098	79,098
Regulatory reserves	69,528	56,438
Accumulated provisions	506,960	389,868
Long-term debt	7,322,940	7,308,649
Preferred stock with sinking fund	20,852	_
Other	1,347,404	1,145,232
Total	17,233,992	16,135,276
Preferred stock with sinking fund		24,327
Preferred stock without sinking fund	334,337	334,337
Trioriou provi wimour printing rand		
SHAREHOLDERS' EQUITY:		
Common stock, \$.01 par value, authorized 500,000,000		
shares; issued 248,174,087 shares in 2003 and in 2002	2.482	2,482
Paid-in capital	4,767,615	4,666,753
Retained earnings	4,502,508	3,938,693
Accumulated other comprehensive loss	(7,795)	(22,360)
Less—treasury stock, at cost (19,276,445 shares in 2003 and		(,000)
25,752,410 shares in 2002)	561,152	747,331
Total	8,703,658	7,838,237
Commitments and Contingencies		/ · · · · · · · · · · · · · · · · · · ·

TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY \$28,554,210 \$27,504,366

See Notes to Consolidated Financial Statements.

# CONSOLIDATED STATEMENTS OF CASH FLOWS

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In thousands, for the years ended December 31,	2008	2002	2001
OPERATING ACTIVITIES	1. 计增加的复数形式	ter an	
Consolidated net income	\$ 950,467	\$ 623,072	\$ 750,507
Noncash items included in net income:		• 0.0,012	• 100,001
Reserve for regulatory adjustments	13,090	18,848	(359,199)
Other regulatory credits – net	(13,761)	(141,836)	(20,510)
Depreciation, amortization, and decommissioning	996,603	915,597	749,619
Deferred income taxes and investment tax credits	1,189,531	(256,664)	87,752
Allowance for equity funds used during construction	(42,710)	(31,658)	(26,209)
Cumulative effect of accounting changes	(137,074)	(01,000)	(23,482)
Equity in undistributed earnings of			(00,100)
unconsolidated equity affiliates	(176,036)	(181,878)	(150,799)
Provision for turbine commitments.			(100,100)
asset impairments, and restructuring charges	(7,743)	428,456	
Changes in working capital			
Receivables	(140,612)	(43,957)	302.230
Fuel inventory	(14,015)	1,030	(3,419)
Accounts payable	(60,164)	286,230	(415,160)
Taxes accrued	(828,539)	462,956	486,676
Interest accrued	(35,837)	7,209	17,287
Deferred fuel	(33.874)	156,181	495,007
Other working capital accounts	16.809	(286,232)	(39,978)
Provision for estimated losses and reserves	196,619	10,533	19,093
Changes in other regulatory assets	22.671	71.132	119.215
Other	110.395	142,684	226,918
Net cash flow provided by operating activities	2,005,820	2,181,703	2,215,548
INVESTING ACTIVITIES	and the second second second		
Construction/capital expenditures	(1,568,943)	(1,530,301)	(1,380,417)
Allowance for equity funds used during construction	42,710	31,658	26,209
Nuclear fuel purchases	(224,308)	(250,309)	(130,670)
Proceeds from sale/leaseback of nuclear fuel	150,135	183.664	(130,870) 71,964
Proceeds from sale of assets and businesses	25,987	215.088	784,282
Investment in non-utility properties	(71,438)		
Decrease (increase) in other investments	172,187	(216,956) 38,964	(647,015) (631,975)
Changes in other temporary investments	(50,000)	150,000	(150,000)
Decommissioning trust contributions	(30,000)	100,000	(100,000)
and realized change in trust assets	(91,518)	(84,914)	(95,571)
Other regulatory investments	(156,446)	(39,390)	(3,460)
Other			
	(11,496)	114,033	(68,067)
Net cash flow used in investing activities See Notes to Consolidated Financial Statements.	(1,783,130)	(1,388,463)	(2,224,720)

# CONSOLIDATED STATEMENTS OF CASH FLOWS

요즘 것은 것은 것은 것은 것을 것 같은 것 같은 것을 것 같아?	Law water and		
In thousands, for the years ended December 31,	2003	2002	2001
FINANCING ACTIVITIES:			
Proceeds from the issuance of:			
Long-term debt	2,221,164	1,197,330	682,402
Common stock and treasury stock	217,521	130,061	64,345
Retirement of long-term debt	(2,409,917)	(1,341,274)	(962,112)
Repurchase of common stock	(8,135)	(118,499)	(36,895)
Redemption of preferred stock	(8,450)	(1,858)	(39,574)
Changes in short-term borrowings - net	(499,975)	244,333	(37,004)
Dividends paid:			
Common stock	(362,814)	(298,991)	(269,122)
Preferred stock	(23,524)	(23,712)	(24,044)
Net cash flow used in financing activities	(869,130)	(212,610)	(622,004)
Effect of exchange rates on cash and cash equivalents	3,345	3,125	325
Net increase (decrease) in cash and cash equivalents	(643,095)	583,755	(630,851)
Cash and cash equivalents at beginning of period	1,335,328	751,573	1,382,424
Cash and cash equivalents at end of period	\$ 692,233	\$ 1,335,328	\$ 751,573
SUPPLEMENTAL DISCLOSURE OF			
CASH FLOW INFORMATION:			
Cash paid (received) during the period for:			
Interest – net of amount capitalized	\$ 552,017	\$ 633,931	\$ 708,748
Income taxes	\$ 188,709	\$ 57,856	\$ (113,466)
Noncash investing and financing activities:			
Debt assumed by the Damhead Creek purchaser		\$ 488,432	-
Decommissioning trust funds acquired			
in nuclear power plant acquisitions		\$ 310,000	\$ 430,000
Long-term debt refunded with proceeds from			
long-term debt issued in prior period		\$ (47,000)	
Proceeds from long-term debt issued for the purpose			
of refunding prior long-term debt			\$ 47,000

See Notes to Consolidated Financial Statements.

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

#### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accompanying consolidated financial statements include the accounts of Entergy Corporation and its direct and indirect subsidiaries. As required by generally accepted accounting principles, all significant intercompany transactions have been eliminated in the consolidated financial statements. The domestic utility companies (Entergy Arkansas, Entergy Gulf States, Entergy Louisiana, Entergy Mississippi, and Entergy New Orleans, collectively) and System Energy maintain accounts in accordance with Federal Energy Regulatory Commission (FERC) and other regulatory guidelines. Certain previously reported amounts have been reclassified to conform to current classifications, with no effect on net income or shareholders' equity.

#### USE OF ESTIMATES IN THE PREPARATION OF FINANCIAL STATEMENTS

The preparation of Entergy Corporation's consolidated financial statements, in conformity with generally accepted accounting principles, requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities and the reported amounts of revenues and expenses. Adjustments to the reported amounts of assets and liabilities may be necessary in the future to the extent that future estimates or actual results are different from the estimates used.

#### **REVENUES AND FUEL COSTS**

The domestic utility companies generate, transmit, and distribute electric power primarily to retail customers in Arkansas, Louisiana, including the City of New Orleans, Mississippi, and Texas. Entergy Gulf States distributes gas to retail customers in and around Baton Rouge, Louisiana and Entergy New Orleans distributes gas to retail customers in the City of New Orleans. Entergy's Non-Utility Nuclear and Energy Commodity Services segments derive almost all of their revenue from sales of electric power generated by plants owned by them.

Entergy recognizes revenue from electric power and gas sales when it delivers power or gas to its customers. To the extent that deliveries have occurred but a bill has not been issued, the domestic utility companies accrue an estimate of the revenues for energy delivered since the latest billings. Entergy calculates the estimate based upon several factors including billings through the last billing cycle in a month, actual generation in the month, historical line loss factors, and prices in effect in the domestic utility companies' various jurisdictions. Each month the estimated unbilled revenue amounts are recorded as revenue and a receivable, and the prior month's estimate is reversed. Therefore, changes in price and volume differences resulting from factors such as weather affect the calculation of unbilled revenues from one period to the next, and may result in variability in reported revenues from one period to the next as prior estimates are so recorded and reversed.

The domestic utility companies' rate schedules include either fuel adjustment clauses or fixed fuel factors, both of which allow either current recovery in billings to customers or deferral of fuel costs until the costs are billed to customers. Because the fuel adjustment clause mechanism allows monthly adjustments to recover fuel costs, Entergy Louisiana, Entergy New Orleans, and the Louisiana portion of Entergy Gulf States include a component of fuel cost recovery in their unbilled revenue calculations. Where the fuel component of revenues is billed based on a pre-determined fuel cost (fixed fuel factor), the fuel factor remains in effect until changed as part of a general rate case, fuel reconciliation, or fixed fuel factor filing. Entergy Mississippi's fuel factor includes an energy cost rider that is adjusted quarterly. Entergy Mississippi has deferred until 2004 the collection of fuel under-recoveries for the first and second quarters of 2003 that would have been collected in the third and fourth quarters of 2003, respectively. The deferred amount plus carrying charges will be collected over twelve months beginning January 2004. In the case of Entergy Arkansas and the Texas portion of Entergy Gulf States, their fuel under-recoveries are treated as regulatory investments in the cash flow statements because those companies are allowed by their regulatory jurisdictions to recover the fuel cost regulatory asset over longer than a twelve-month period, and the companies earn a carrying charge on the under-recovered balances.

System Energy's operating revenues are intended to recover from Entergy Arkansas, Entergy Louisiana, Entergy Mississippi, and Entergy New Orleans operating expenses and capital costs attributable to Grand Gulf 1. The capital costs are computed by allowing a return on System Energy's common equity funds allocable to its net investment in Grand Gulf 1, plus System Energy's effective interest cost for its debt allocable to its investment in Grand Gulf 1.

#### PROPERTY, PLANT, AND EQUIPMENT

Property, plant, and equipment is stated at original cost. For the domestic utility companies and System Energy, the original cost of plant retired or removed, plus the applicable removal costs, less salvage, is charged to accumulated depreciation. Normal maintenance, repairs, and minor replacement costs are charged to operating expenses. Substantially all of the domestic utility companies' and System Energy's plant is subject to mortgage liens.

Electric plant includes the portions of Grand Gulf 1 and Waterford 3 that have been sold and leased back. For financial reporting purposes, these sale and leaseback arrangements are reflected as financing transactions. Net property, plant, and equipment by business segment and functional category, as of December 31, 2003 and 2002, is shown below (in millions):

2003	Entergy	U.S. Utility	Non- Utility Nuclear	Energy Commodity Services	Parent and Other	2002	Entergy	U.S. Utility	Non- Utility Nuclear	Energy Commodity Services	Parent and Other
Production	Lilicigy	- Otaniy	Hucidat	Dervices		Production	tancer gy	- County	MUCIONI		: ·
Nuclear	\$ 7,056	\$ 6,112	\$ 944	\$ -	\$ -	Nuclear	.\$ 7,472 \$	6,314	\$1,158	\$ -	\$ -
Other	1,816	1,359		457	, <u> </u>	Other	1,616	1,382	1992	234	_
Transmission	2,067	2,067	-	-	-	Transmission	1,851	1,851	-		_
Distribution	4,231	4,231		-	_	Distribution	4,037	4,037	-	-	-
Other	1,079	1,069	-	- <sup>1</sup> -	10	Other	933	929	-	_	4
Construction work	·			· · · · · · · · · · · · · · · · · · ·		<b>Construction work</b>					
in progress	1,381	954	398	-	29	in progress	1,233	797	216	192	28
Nuclear fuel		· · · ·				Nuclear fuel	· · · .				· · · · · ·
(leased and owned)	513	298	215	- · ·	-	(leased and owned)	523	284	239	-	í lí
Asset retirement		· .									
obligation (1)	156	155	` · · <b>· </b>	1			· · · ·				
Property, plant,		-	. :		· · · ·	Property, plant,		;	·		÷ , , , , , , , , , , , , , , , , , , ,
and equipment - net	\$18,299	\$16,245	\$1,557	\$458	\$39	and equipment - net	\$17,665 \$	15,594	\$1,613	\$426	\$32

Depreciation is computed on the straight-line basis at rates based on the estimated service lives of the various classes of property. Depreciation rates on average depreciable property approximated 2.8% in 2003 and 2.9% in 2002 and 2001. Included in these rates are the depreciation rates on average depreciable utility property of 2.8% in 2003, 2002, and 2001 and the depreciation rates on average depreciable non-utility property of 3.3% in 2003, 4.0% in 2002, and 4.8% in 2001.

#### JOINTLY-OWNED GENERATING STATIONS

Certain Entergy subsidiaries jointly own electric generating facilities with third parties. The investments and expenses associated with these generating stations are recorded by the Entergy subsidiaries to the extent of their respective undivided ownership interests. As of December 31, 2003, the subsidiaries' investment and accumulated depreciation in each of these generating stations were as follows (\$ in millions):

			Total Megawatt			Accumulated
Generating Stations		Fuel-Type	Capability	Ownership	Investment	Depreciation
Grand Gulf Unit 1		Nuclear	1,207	90.00%**	\$3,672	\$1,673
Independence Units 1 and 2	· · · · ·	Coal	1,630	47.90%	459	240
White Bluff Units 1 and 2		Coal	1,635	57.00%	423	256
Roy S. Nelson Unit 6		Coal	550	70.00%	404	234
Big Cajun 2 Unit 3	an a	Coal	575	42.00%	233	123
Harrison County		Gas	550	70.00%	230	3

 "Total Megawatt Capability" is the dependable load carrying capability as demonstrated under actual operating conditions based on the primary fuel (assuming no curtailments) that each station was designed to utilize.
 Includes an 11.5% leasehold interest held by System Energy. System Energy's Grand Gulf 1 lease obligations are discussed in Note 10 to the consolidated financial statements.

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS continued

#### GOODWILL

Entergy implemented SFAS 142, "Goodwill and Other Intangible Assets," effective January 1, 2002. The adoption of SFAS 142 required an initial impairment assessment involving a comparison of the fair value of goodwill and other intangible assets to the current carrying value. Goodwill and other intangible assets determined to have indefinite useful lives are not amortized, whereas goodwill and other intangible assets determined to have definite useful lives are amortized over their useful lives. Goodwill and other intangible assets are subject to annual impairment testing.

The implementation of SFAS 142 resulted in the cessation of Entergy's amortization of the remaining plant acquisition adjustment recorded in conjunction with its acquisition of Entergy Gulf States. The following table is a reconciliation of reported earnings applicable to common stock to earnings applicable to common stock without goodwill amortization for the years ended December 31, 2003, 2002, and 2001 (in thousands, except share data):

For the years ended December 31,	2003	2002	2001
Reported earnings applicable			
to common stock	926,943	\$599,360	\$726,196
Add back: Goodwill amortization	: <b>`_</b> -	-	16,265
Adjusted earnings applicable			
to common stock without			
goodwill amortization	926,943	\$599,360	\$742,461
Basic earnings per	t in the		
average common share:			
Reported earnings applicable			
to common stock	\$4.09	\$2.69	\$3.29
Goodwill amortization	-		0.07
Adjusted earnings applicable	:, <u>.</u>		
to common stock without			
goodwill amortization	\$4.09	\$2.69	\$3.36
Diluted earnings per	1. <u>.</u> 1.		
average common share:			
Reported earnings applicable			
to common stock	\$4.01	\$2.64	\$3.23
Goodwill amortization	-	-	0.07
Adjusted earnings applicable	e de la seconda		
to common stock without			
			\$3.30

During 2001, Entergy acquired certain intangible assets in connection with the formation of Entergy-Koch, LP, an unconsolidated 50/50 limited partnership between subsidiaries of Entergy and Koch Industries, Inc. Because the intangible assets were assigned definite useful lives, which correspond to the useful lives of Entergy-Koch's fixed assets, Entergy is amortizing them on a straight-line basis over a period of 30 years. Entergy's consolidated balance sheet at December 31, 2003 includes \$53 million of unamortized intangible assets acquired in forming Entergy-Koch.

#### NUCLEAR REFUELING OUTAGE COSTS,

Entergy records nuclear refueling outage costs in accordance with regulatory treatment and the matching principle. These refueling outage expenses are incurred to prepare the units to operate for the next operating cycle without having to be taken off line. Except for the River Bend plant, the costs are deferred during the outage and amortized over the period to the next outage. In accordance with the regulatory treatment of the River Bend plant, River Bend's costs are accrued in advance and included in the cost of service used to establish retail rates. Entergy Gulf States relieves the accrued liability when it incurs costs during the next River Bend outage.

#### ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION

AFUDC represents the approximate net composite interest cost of borrowed funds and a reasonable return on the equity funds used for construction in the U.S. Utility segment. Although AFUDC increases both the plant balance and earnings, it is realized in cash through depreciation provisions included in rates.

#### INCOME TAXES

Entergy Corporation and its subsidiaries file a U.S. consolidated federal income tax return. Income taxes are allocated to the subsidiaries in proportion to their contribution to consolidated taxable income. Securities and Exchange Commission (SEC) regulations require that no Entergy subsidiary pay more taxes than it would have paid if a separate income tax return had been filed. In accordance with SFAS 109, "Accounting for Income Taxes," deferred income taxes are recorded for all temporary differences between the book and tax basis of assets and liabilities, and for certain credits available for carryforward.

Deferred tax assets are reduced by a valuation allowance when, in the opinion of management, it is more likely than not that some portion of the deferred tax assets will not be realized. Deferred tax assets and liabilities are adjusted for the effects of changes in tax laws and rates in the period in which the tax or rate was enacted.

Investment tax credits are deferred and amortized based upon the average useful life of the related property, in accordance with ratemaking treatment.

#### EARNINGS PER SHARE

The following table presents Entergy's basic and diluted earnings per share (EPS) calculation included on the consolidated income statement (in millions, except per share data):

the second s		\$/share	· · · .	\$/share	·	\$/share
Income before cumulative			•	• • •		
effect of accounting change	\$789.9		\$599.4		\$702.7	
Average number of common	· · · · · .				• • • • •	•
shares outstanding - basic	226.8	\$3.48	223.0	\$2.69	220.9	\$3.18
Average dilutive effect of:				11	· · · ·	
Stock options "	4.1	(0.062)	. 3.9	(0.046)	3.6	(0.052)
Equity awards	: 0.2	(0.004)	0.4	(0.005)	0.2	(0.002)
Average number of common	1	· . (5)		5		
. shares outstanding - diluted	231.1	\$3.42	227.3	\$2.64	224.7	\$3.13
Earnings applicable to		200	·		<i>.</i>	, '
common stock	\$926.9		\$599.4	• • • • •	\$726.2	· · ·
Average number of common						, •
shares outstanding - basic	226.8	\$4.09	223.0	\$2.69	220.9	\$3.29
Average dilutive effect of:	ra) - r Sa	•		·· · ·		
Stock options a	4.1	(0.073)	3.9	(0.046)	3.6	(0.054)
Equity awards	0.2	(Ò.004)	0.4	(0.005)	0.2	(0.002)
Average number of common			<i>.</i>	<u>.</u>		
shares outstanding - diluted	231.1	\$4.01	227.3	\$2.64	224.7	\$3.23

(1) Options to purchase approximately 15,231, 109,897, and 148,500 shares of common stock at various prices were outstanding at the end of 2003, 2002, and 2001, respectively, that were not included in the computation of diluted earnings per

share because the exercise prices were greater than the average market price of

the common shares at the end of each of the years presented.

#### STOCK-BASED COMPENSATION PLANS

Entergy has two plans that grant stock options, which are described more fully in Note 8 to the consolidated financial statements. Prior to 2003, Entergy applied the recognition and measurement principles of APB Opinion 25, "Accounting for Stock Issued to Employees," and related Interpretations in accounting for those plans. No stockbased employee compensation expense is reflected in 2002 and 2001 net income as all options granted under those plans have an exercise price equal to the market value of the underlying common stock on the date of grant. Effective January 1, 2003, Entergy prospectively adopted the fair value based method of accounting for stock options prescribed by SFAS 123, "Accounting for Stock-Based Compensation." Awards under Entergy's plans vest over three years. Therefore, the cost related to stock-based employee compensation included in the determination of net income for 2003 is less than that which would have been recognized if the fair value based method had been applied to all awards since the original effective date of SFAS 123. The following table illustrates the effect on net income and earnings per share if Entergy would have historically

applied the fair value based method of accounting to stock-based employee compensation. (In thousands, except per share data)

For the years ended December 31,	2003	2002	2001
Earnings applicable		•	e en
to common stock	\$926,943	\$599,360	\$726,196
Add back: Stock-based compensation	n		t sa sug
expense included in earnings			
applicable to common stock, net			
of related tax effects	2,818	-	<b>_</b>
Deduct: Total stock-based employee			
compensation expense determined			
under fair value method for all		•	
awards, net of related tax effects	24,518	28,110	19,472
Pro forma earnings applicable	12	1	
to common stock	\$905,243	\$571,250	\$706,724
Earnings per average common shar	'e:		
: Basic	\$4.09	, \$2.69	\$3.29
Basic - pro forma	\$3.99	\$2.56	\$3.20
Diluted	\$4.01	\$2.64	\$3.23
Diluted - pro forma	\$3.92	\$2.51	\$3.14

#### **APPLICATION OF SFAS 71**

The domestic utility companies and System Energy currently account for the effects of regulation pursuant to SFAS 71, "Accounting for the Effects of Certain Types of Regulation." This statement applies to the financial statements of a rateregulated enterprise that meets three criteria. The enterprise must have rates that (i) are approved by a body empowered to set rates that bind customers (its regulator); (ii) are costbased; and (iii) can be charged to and collected from customers. These criteria may also be applied to separable portions of a utility's business, such as the generation or transmission functions, or to specific classes of customers. If an enterprise meets these criteria, it capitalizes costs that would otherwise be charged to expense if the rate actions of its regulator make it probable that those costs will be recovered in future revenue. Such capitalized costs are reflected as regulatory assets in the accompanying financial statements. A significant majority of Entergy's regulatory assets, net of related regulatory and deferred tax liabilities, earn a return on investment during their recovery periods. SFAS 71 requires that rate-regulated enterprises assess the probability of recovering their regulatory assets at each balance sheet date. When an enterprise concludes that recovery of a regulatory asset is no longer probable, the regulatory asset must be removed from the entity's balance sheet.

SFAS 101, "Accounting for the Discontinuation of Application of Financial Accounting Standards Board (FASB) Statement No. 71," specifies how an enterprise that ceases to meet the criteria for application of SFAS 71 for all

#### **NOTES TO CONSOLIDATED FINANCIAL STATEMENTS** continued

or part of its operations should report that event in its financial statements. In general, SFAS 101 requires that the enterprise report the discontinuation of the application of SFAS 71 by eliminating from its balance sheet all regulatory assets and liabilities related to the applicable segment. Additionally, if it is determined that a regulated enterprise is no longer recovering all of its costs and therefore no longer qualifies for SFAS 71 accounting, it is possible that an impairment may exist that could require further writeoffs of plant assets.

Emerging Issues Task Force (EITF) 97-4: "Deregulation of the Pricing of Electricity - Issues Related to the Application of FASB Statements No. 71 and 101" specifies that SFAS 71 should be discontinued at a date no later than when the effects of a transition to competition plan for all or a portion of the entity subject to such plan are reasonably determinable. Additionally, EITF 97-4 promulgates that regulatory assets to be recovered through cash flows derived from another portion of the entity that continues to apply SFAS 71 should not be written off; rather, they should be considered regulatory assets of the segment that will continue to apply SFAS 71.

See Note 2 to the consolidated financial statements for discussion of transition to competition activity in the retail regulatory jurisdictions served by the domestic utility companies. Only Texas has a currently enacted retail open access law, but Entergy believes that significant issues remain to be addressed by regulators, and the enacted law does not provide sufficient detail to reasonably determine the impact on Entergy Gulf States' regulated operations.

#### CASH AND CASH EQUIVALENTS

Entergy considers all unrestricted highly liquid debt instruments with an original or remaining maturity of three months or less at date of purchase to be cash equivalents. Investments with original maturities of more than three months are classified as other temporary investments on the balance sheet.

#### INVESTMENTS

Entergy applies the provisions of SFAS 115, "Accounting for Investments for Certain Debt and Equity Securities," in accounting for investments in decommissioning trust funds. As a result, Entergy records the decommissioning trust funds at their fair value on the consolidated balance sheet. As of December 31, 2003 and 2002, the fair value of the securities held in such funds differs from the amounts deposited plus the earnings on the deposits by \$94 million and (\$24) million, respectively. Because of the ability of the domestic utility companies and System Energy to recover decommissioning costs in rates and in accordance with the regulatory treatment for decommissioning trust funds, the 'domestic utility companies and System Energy have recorded an offsetting amount of unrealized gains/(losses) on investment securities in other regulatory liabilities/assets. Prior to the implementation of SFAS 143, the offsetting amount of unrealized gains/(losses) on investment securities was recorded in accumulated depreciation for Entergy Arkansas, Entergy Gulf States (for the regulated portion of River Bend), and for Entergy Louisiana. For the nonregulated portion of River Bend, Entergy Gulf States has recorded an offsetting amount of unrealized gains/(losses) in other deferred credits. Decommissioning trust funds for Pilgrim, Indian Point 2, and Vermont Yankee do not receive regulatory treatment. Accordingly, unrealized gains and losses recorded on the assets in these trust funds are recognized in the accumulated other income component of shareholders' equity because these assets are classified as available for sale.

#### EQUITY METHOD INVESTEES

Entergy owns investments that are accounted for under the equity method of accounting because Entergy's ownership level results in significant influence, but not control, over the investee and its operations. Entergy records its share of earnings or losses of the investee based on the change during the period in the estimated liquidation value of the investment, assuming that the investee's assets were to be liquidated at book value. The equity earnings for Entergy-Koch, LP recorded by Entergy are dictated by the terms of the partnership agreement in accordance with the hypothetical liquidation at book value (HLBV) method. In accordance with the HLBV method, earnings are allocated to members based on what each partner would receive from their capital account if, hypothetically, liquidation were to occur at the balance sheet date and amounts distributed were based on recorded book values. Entergy discontinues the recognition of losses on equity investments when its share of losses equals or exceeds its carrying amount of investee plus any advances made or commitments to provide additional financial support. See Note 13 to the consolidated financial statements for additional information regarding Entergy's equity method investments.

#### DERIVATIVE FINANCIAL INSTRUMENTS AND Commodity Derivatives

Entergy implemented SFAS 133, "Accounting for Derivative Instruments and Hedging Activities" on January 1, 2001. The statement requires that all derivatives be recognized in the balance sheet, either as assets or liabilities, at fair value, unless they meet the normal purchase, normal sales criteria. The changes in the fair value of recognized derivatives are recorded each period in current earnings or other comprehensive income, depending on whether a derivative is designated as part of a hedge transaction and the type of hedge transaction.

Contracts for commodities that will be delivered in quantities expected to be used or sold in the ordinary course of business, including certain purchases and sales of power and fuel, are not classified as derivatives. These contracts are

exempted under the normal purchase, normal sales criteria. Revenues and expenses from these contracts are reported on a gross basis in the appropriate revenue and expense categories as the commodities are received or delivered.

Other contracts for commodities in which Entergy is hedging the variability of cash flows related to a variablerate asset, liability, or forecasted transaction qualify as cash flow hedges. The changes in the fair value of such derivative instruments are reported in other comprehensive income. To qualify for hedge accounting, the relationship between the hedging instrument and the hedged item must be documented to include the risk management objective and strategy, and at inception and on a ongoing basis the effectiveness of the hedge in offsetting the changes in the cash flows of the item being hedged. Gains or losses accumulated in other comprehensive income are reclassified as earnings in the periods in which earnings are affected by the variability of the cash flows of the hedged item. The ineffective portions of all hedges are recognized in current-period earnings.

Effective January 1, 2001, Entergy recorded a net-oftax cumulative-effect-type adjustment of approximately \$18.0 million reducing accumulated other comprehensive income to recognize, at fair value, all derivative instruments that are designated as cash-flow hedging instruments, primarily interest rate swaps and foreign currency forward contracts related to Entergy's competitive businesses. Effective October 1, 2001, Entergy recorded an additional net-of-tax cumulative-effect-type adjustment that increased net income by approximately \$23.5 million. This adjustment resulted from the implementation of an interpretation of SFAS 133 that requires fuel supply agreements with volumetric optionality to be classified as derivative instruments. The agreement that resulted in the adjustment is in the Energy Commodity Services segment and was disposed of in the Damhead Creek sale in December 2002.

#### IMPAIRMENT OF LONG-LIVED ASSETS

Entergy periodically reviews long-lived assets held in all of its business segments whenever events or changes in circumstances indicate that recoverability of these assets is uncertain. Generally, the determination of recoverability is based on the undiscounted net cash flows expected to result from such operations and assets. Projected net cash flows depend on the future operating costs associated with the assets, the efficiency and availability of the assets and generating units, and the future market and price for energy over the remaining life of the assets. See Note 12 to the consolidated financial statements for discussion of asset impairments recognized in 2002 in the Energy Commodity Services segment.

#### RIVER BEND AFUDC -

The River Bend AFUDC gross-up is a regulatory asset that represents the incremental difference imputed by the Louisiana Public Service Commission (LPSC) between the AFUDC actually recorded by Entergy Gulf States on a net-oftax basis during the construction of River Bend and what the AFUDC would have been on a pre-tax basis. The imputed amount was only calculated on that portion of River Bend that the LPSC allowed in rate base and is being amortized over the estimated remaining economic life of River Bend.

#### TRANSITION TO COMPETITION LIABILITIES

In conjunction with electric utility industry restructuring activity in Texas, regulatory mechanisms were established to mitigate potential stranded costs. Texas restructuring legislation allowed depreciation on transmission and distribution assets to be directed toward generation assets. The liability recorded as a result of this mechanism is classified as "transition to competition" deferred credits.

#### REACQUIRED DEBT

The premiums and costs associated with reacquired debt of the domestic utility companies and System Energy (except that portion allocable to the deregulated operations of Entergy Gulf States) are being amortized over the life of the related new issuances, in accordance with ratemaking treatment.

#### FOREIGN CURRENCY TRANSLATION

All assets and liabilities of Entergy's foreign subsidiaries are translated into U.S. dollars at the exchange rate in effect at the end of the period. Revenues and expenses are translated at average exchange rates prevailing during the period. The resulting translation adjustments are reflected in a separate component of shareholders' equity. Current exchange rates are used for U.S. dollar disclosures of future obligations denominated in foreign currencies.

#### **New Accounting Pronouncements**

During 2003, Entergy adopted the provisions of the following accounting standards: SFAS 143, "Accounting for Asset Retirement Obligations," which is discussed further in Note 9; FIN 46, "Consolidation of Variable Interest Entities," which is discussed further in Note 6; and SFAS 150, "Accounting for Certain Financial Instruments with Characteristics of both Liabilities and Equity." SFAS 150, which became effective July 1, 2003, requires mandatorily redeemable financial instruments to be classified and treated as liabilities in the presentation of financial position and results of operations. The only effect of implementing SFAS 150 for Entergy is the inclusion of long-term debt and preferred stock with sinking fund under the liabilities caption in Entergy's balance sheet. Entergy's results of operations and cash flows were not affected by this standard.

During 2003, Entergy also adopted the provisions of the following accounting standards: EITF 02-3, "Issues Involved in Accounting for Derivative Contracts Held for Trading Purposes and Contracts Involved in Energy

#### **NOTES TO CONSOLIDATED FINANCIAL STATEMENTS** continued

Trading and Risk Management Activities; SFAS 149, "Amendment of Statement 133 on Derivative Instruments and Hedging Activities" and related interpretations by the Derivatives Implementation Group, and FIN 45, "Guarantor's Accounting and Disclosure Requirements for Guarantees Including Indirect Guarantees of Indebtedness of Others." The adoption of these standards did not have a material effect on Entergy's financial statements.

#### NOTE 2. RATE AND REGULATORY MATTERS ELECTRIC INDUSTRY RESTRUCTURING AND THE CONTINUED APPLICATION OF SFAS 71

Although Arkansas and Texas enacted retail open access laws, the retail open access law in Arkansas has now been repealed. Retail open access in Entergy Gulf States' service territory in Texas has been delayed. Entergy believes that significant issues remain to be addressed by regulators, and the enacted law in Texas does not provide sufficient detail to allow Entergy Gulf States to reasonably determine the impact on Entergy Gulf States' regulatory accounting principles to the retail operations of all of the domestic utility companies. Following is a summary of the status of retail open access in the domestic utility companies' retail service territories.

	2003 Revenues Derived
	Status of Retail from Retail Electric Utility
Jurisdiction	Open Access Operations in the Jurisdiction
Arkansas	- Retail open access was
	repealed in February 2003. 15.4%
Texas	Implementation delayed in Entergy
	Gulf States' service area in a settlement
	approved by Public Utility Commission
· · · · · · · · · · · ·	of Texas (PUCT). In light of regulatory
	proceedings and approvals required,
	retail open access is not likely before the
	first quarter of 2005. 14.4%
Louisiana	The LPSC has deferred pursuing retail
	open access, pending developments at
	the federal level and in other states. 43.9%
Mississippi	The Mississippi Public Service Commission
	(MPSC) has recommended not pursuing
	open access at this time. 13.0%
New Orleans	The Council of the City of New Orleans,
	Louisiana (Council or City Council) has
	taken no action on Entergy New Orleans'
	proposal filed in 1997. 5.9%

Retail open access commenced in portions of Texas on January 1, 2002. The staff of the PUCT filed a petition to delay retail open access in Entergy Gulf States' service area, and Entergy Gulf States reached a settlement agreement approved by the PUCT to delay retail open access until at least September 15, 2002. In September 2002, the PUCT ordered Entergy Gulf States to file on January 24, 2003 a proposal for an interim solution – retail open access without a FERC-approved regional transmission organization (RTO) - if it appeared by January 15, 2003 that a FERC-approved RTO would not be functional by January 1, 2004. On January 24, 2003, Entergy Gulf States filed its proposal, which among other elements, included:

the recommendation that retail open access in Entergy Gulf States' Texas service territory, including corporate unbundling, occur by January 1, 2004, or else be delayed until at least January 1, 2007. If retail open access is delayed past January 1, 2004, Entergy Gulf States seeks authorization to separate into two bundled utilities, one subject to the retail jurisdiction of the PUCT and one subject to the retail jurisdiction of the LPSC.
the recommendation that Entergy's transmission organization, possibly with the oversight of another entity, will continue to serve as the transmission authority for purposes of retail open access in Entergy Gulf States' service territory.
the recommendation that the decision points be identified

that would require prior to January 1, 2004, the PUCT's determination, based upon objective criteria, whether to proceed with further efforts toward retail open access in Entergy Gulf States' Texas service territory.

The PUCT considered the proposal at a March 2003 hearing, and issued an order in April 2003. The order set forth a sequence of proceedings and activities designed to initiate an interim solution. These proceedings and activities include ruling on market protocols; initiating a proceeding to certify an independent organization to administer the market protocols and ensure nondiscriminatory access to transmission and distribution systems; resuming business separation proceedings; re-invigorating the pilot project; and initiating a market-readiness proceeding. The PUCT issued an order on rehearing in late-July 2003 in which it identified December 2004 as the target date for the beginning of the interim solution. Consistent with the order, and after negotiations with other parties and following a series of contested hearings and the PUCT approval of a settlement agreement on the market protocols, Entergy Services made a filing at FERC and has received approval on an expedited basis of the market protocols subject to FERC jurisdiction. This ruling, when final and appealable, will allow for the reinvigorated pilot to begin upon the PUCT approval of Entergy Gulf States' independent organization request. The PUCT is currently scheduled to conduct a hearing on this request in June 2004. 

In September 2003, the PUCT issued a written order that approved the Price to Beat (PTB) fuel factor for Entergy Gulf States, which is to be implemented upon the commencement of retail open access in its Texas service territory. This PTB fuel factor is subject to revision based on PUCT rules. The PUCT declined consideration of a request for rehearing sought by certain cities in Texas served by Entergy Gulf States and the Office of Public Utility Counsel.

% of Entergy's

The Office of Public Utility Counsel has appealed this decision to the Texas courts. Management cannot predict the ultimate outcome of the proceeding at this time. In November 2003, Entergy Gulf States initiated a proceeding to certify the Entergy Transmission Organization as the independent organization. The PUCT is scheduled to conduct a hearing on the certification application in June 2004.

#### **REGULATORY ASSETS** Other Regulatory Assets

The domestic utility companies and System Energy are subject to the provisions of SFAS 71, "Accounting for the Effects of Certain Types of Regulation." Regulatory assets represent probable future revenues associated with certain costs that are expected to be recovered from customers through the ratemaking process. In addition to the regulatory assets that are specifically disclosed on the face of the balance sheets, the table below provides detail of "Other regulatory assets" that are included on the balance sheets as of December 31, 2003 and 2002 (in millions):

	2003	2002
DOE Decommissioning	· · · · ·	·,
and Decontamination Fees -	\$ 32.9	\$ 40.3
recovered through fuel rates		
until December 2006 (Note 9)	· · · · · · · · ·	
Asset Retirement Obligation -		-
recovery dependent upon		
timing of decommissioning (Note 9)		
Removal costs -	72.4	79.6
recovered through depreciation rates		
Provisions for storm damages -	123.3	93.9
recovered through cost of service -		
Postretirement benefits -	21.5	23.9
recovered through 2013 (Note 11)		
Pension costs (Note 11)	134.0	157.8
Depreciation re-direct -	79.1	79.1
recovery begins at start of		
retail open access (Note 1)		
River Bend AFUDC -	39.4	41.3
recovered through August 2025 (Note 1)		
Spindletop gas storage lease	38.0	35.0
recovered through December 2032		
Low-level radwaste -	19.4	19.4
recovery timing dependent		
upon pending lawsuit		
1994 FERC Settlement -	4.0	12.1
recovered through June 2004 (Note 2)		-
Sale-leaseback deferral -	131.7	123.9
recovered through June 2014 (Note 10)		
Deferred fuel - non-current -	28.2	17.3
recovered through rate riders		
redetermined annually		
Unamortized loss on reacquired debt -	164.4	155.2
recovered over term of debt		
Other - various	71.9	94.4
Total	\$1,425.1	\$973.2

#### Deferred fuel costs

The domestic utility companies are allowed to recover certain fuel and purchased power costs through fuel mechanisms included in electric rates that are recorded as fuel cost recovery revenues. The difference between revenues collected and the current fuel and purchased power costs is recorded as "Deferred fuel costs" on the domestic utility companies' financial statements. The table below shows the amount of deferred fuel costs as of December 31, 2003 and 2002 that has been or will be recovered or (refunded) through the fuel mechanisms of the domestic utility companies (in millions):

	2003 2002
Entergy Arkansas	\$ 10.6 \$ (42.6)
Entergy Gulf States	\$118.4 \$100.6
Entergy Louisiana	\$ 30.6 \$ (25.6)
Entergy Mississippi	\$ 89.1 \$ 38.2
Entergy New Orleans	\$ (2.7) \$ (14.9)

#### ENTERGY ARKANSAS

Entergy Arkansas' rate schedules include an energy cost recovery rider to recover fuel and purchased energy costs in monthly bills. The rider utilizes prior calendar year energy costs and projected energy sales for the twelve-month period commencing on April 1 of each year to develop an annual energy cost rate. The energy cost rate includes a true-up adjustment reflecting the over-recovery or underrecovery, including carrying charges, of the energy cost for the prior calendar year.

In March 2003, Entergy Arkansas filed with the APSC its energy cost recovery rider for the period April 2003 through March 2004. The energy cost rate filed was approximately the same as the interim energy cost rate that was in effect since October 2002. The current energy cost rate is designed to eliminate the over-recovery during the annual rider period.

#### ENTERGY GULF STATES

In the Texas jurisdiction, Entergy Gulf States' rate schedules include a fixed fuel factor to recover fuel and purchased power costs, including carrying charges, not recovered in base rates. Under current methodology, semi-annual revisions of the fixed fuel factor may be made in March and September based on the market price of natural gas. Entergy Gulf States will likely continue to use this methodology until the start of retail open access. The amounts collected under Entergy Gulf States' fixed fuel factor and any interim surcharge implemented until the date retail open access commences are subject to fuel reconciliation proceedings before the PUCT. In the Texas jurisdiction, Entergy Gulf States' deferred electric fuel costs are \$116.6 million as of December 31, 2003, which includes the following:

Interim surcharge	\$87.0
Items to be addressed as part of unbundling	\$29.0
Imputed capacity charges	\$ 9.3
Other (includes over-recovery from 9/03 - 12/03)	\$ (8.7)

#### **NOTES TO CONSOLIDATED FINANCIAL STATEMENTS** continued

The PUCT has ordered that the imputed capacity charges be excluded from fuel rates and therefore recovered through base rates. It is uncertain, however, as to when and if Entergy Gulf States will initiate a base rate proceeding before the PUCT. The current PUCT-approved settlement agreement delaying retail open access in Texas requires a rate freeze during the delay period. If Entergy Gulf States implements retail open access without a Texas base rate proceeding, it is possible that Entergy Gulf States will not be allowed to recover imputed capacity charges in Texas retail rates in the future.

In January 2001, Entergy Gulf States filed a fuel reconciliation case covering the period from March 1999 through August 2000. Entergy Gulf States was reconciling approximately \$583 million of fuel and purchased power costs. As part of this filing, Entergy Gulf States requested authority to collect \$28 million, plus interest, of under-recovered fuel and purchased power costs. The PUCT decided in August 2002 to reduce Entergy Gulf States' request to approximately \$6.3 million, including interest through July 31, 2002. Approximately \$4.7 million of the total reduction to the requested surcharge relates to nuclear fuel costs that the PUCT deferred ruling on at this time. In October 2002, Entergy Gulf States appealed the PUCT's final order in Texas District Court. In its appeal, Entergy Gulf States is challenging the PUCT's disallowance of approximately \$4.2 million related to imputed capacity costs and its disallowance related to costs for energy delivered from the 30% non-regulated share of River Bend. The case was argued before the Travis County Texas District Court in August 2003 and the Travis County District Court judge affirmed the PUCTs order. In October 2003, Entergy Gulf States appealed this decision to the Court of Appeals.

In September 2003, Entergy Gulf States filed an application with the PUCT to implement an \$87.3 million interim fuel surcharge, including interest, to collect under-recovered fuel and purchased power expenses incurred from September 2002 through August 2003. Hearings were held in October 2003 and the PUCT issued an order in December 2003 allowing for the recovery of \$87 million. The surcharge will be collected over a twelve-month period that began in January 2004.

In March 2004, Entergy Gulf States filed with the PUCT a fuel reconciliation case covering the period September 2000 through August 2003. Entergy Gulf States is reconciling \$1.43 billion of fuel and purchased power costs on a Texas retail basis. The reconciliation includes \$8.6 million of under-recovered costs that Entergy Gulf States is asking to roll into its fuel over/under-recovery balance to be addressed in the next appropriate fuel proceeding. Hearings are expected to occur in the third quarter of 2004 with a final PUCT decision expected in early 2005.

#### ENTERGY GULF STATES (LOUISIANA) AND ENTERGY LOUISIANA

The Louisiana jurisdiction of Entergy Gulf States and Entergy Louisiana recover electric fuel and purchased power costs for the upcoming month based upon the level of such costs from the prior month. Entergy Gulf States' gas rate schedules include estimates for the billing month adjusted by a surcharge or credit for deferred fuel expense arising from monthly reconciliations.

In August 2000, the LPSC authorized its staff to initiate a proceeding to audit the fuel adjustment clause filings of Entergy Louisiana pursuant to a November 1997 LPSC general order. The time period that is the subject of the audit is January 1, 2000 through December 31, 2001. In September 2003, the LPSC staff issued its audit report and recommended a disallowance with regard to one item. The issue relates to the alleged failure to uprate Waterford 3 in a timely manner. The LPSC staff has quantified the possible disallowance as between \$7.6 and \$14 million. Entergy Louisiana is currently evaluating the LPSC staff report and expects to contest the recommendation. A procedural schedule has been adopted and hearings, which also will address issues relating to the reasonableness of transmission planning and purchases of power from affiliates, the potential value of which issues cannot yet be quantified, are scheduled to begin in September 2004, but the LPSC staff has requested a delay until April 2005.

In January 2003, the LPSC authorized its staff to initiate a proceeding to audit the fuel adjustment clause filings of Entergy Gulf States and its affiliates pursuant to a November 1997 LPSC general order. The audit will include a review of the reasonableness of charges collected by Entergy Gulf States through its fuel adjustment clause in Louisiana for the period January 1, 1995 through December 1, 2002. The discovery process is underway, but a detailed procedural schedule extending beyond the discovery stage has not yet been established and the LPSC staff has not yet issued its audit report.

#### ENTERGY MISSISSIPPI

Entergy Mississippi's rate schedules include an energy cost recovery rider which is adjusted quarterly to reflect accumulated over- or under-recoveries from the second prior quarter. In May 2003, Entergy Mississippi filed and the MPSC approved a change in Entergy Mississippi's energy cost recovery rider. Under the MPSC's order, Entergy Mississippi has deferred until 2004 the collection of fuel under-recoveries for the first and second quarters of 2003 that would have been collected in the third and fourth quarters of 2003, respectively. The deferred amount of \$77.6 million plus carrying charges will be collected through the energy cost recovery rider over a twelve-month period beginning January 2004.

#### ENTERGY NEW ORLEANS

Effective June 2003, Entergy New Orleans electric rate schedules include a fuel adjustment tariff designed to reflect no more than targeted fuel and purchased power costs adjusted by a surcharge or credit for deferred fuel expense arising from monthly reconciliations, including carrying charges. Entergy New Orleans' gas rate schedules include estimates for the billing month adjusted by a surcharge or credit for deferred fuel expense arising from monthly reconciliations, including carrying charges.

#### RETAIL RATE PROCEEDINGS Filings with the APSC (Entergy Arkansas) RETAIL RATES

No significant retail rate proceedings are pending in Arkansas at this time.

#### Filings with the PUCT and Texas Cities (Entergy Gulf States) RETAIL RATES

Entergy Gulf States is operating in Texas under the terms of a June 1999 PUCT approved settlement agreement. The settlement provided for a base rate freeze that has remained in effect during the delay in implementation of retail open access in Entergy Gulf States' Texas service territory.

#### RECOVERY OF RIVER BEND COSTS

In March 1998, the PUCT disallowed recovery of \$1.4 billion of company-wide abeyed River Bend plant costs, which have been held in abeyance since 1988. Entergy Gulf States appealed the PUCT's decision on this matter to the Travis County District Court in Texas. A 1999 settlement agreement limits potential recovery of the remaining plant asset to \$115 million as of January 1, 2002, less depreciation after that date. Entergy Gulf States accordingly reduced the value of the plant asset in 1999. Entergy Gulf States has also agreed that it will not seek recovery of the abeyed plant costs through any additional charge to Texas ratepayers. In an interim order approving this agreement, however, the PUCT recognized that any additional River Bend investment found prudent, subject to the \$115 million cap, could be used as an offset against stranded benefits, should legislation be passed requiring Entergy Gulf States to return stranded benefits to retail customers.

In April 2002, the Travis County District Court issued an order affirming the PUCT's order on remand disallowing recovery of the abeyed plant costs. Entergy Gulf States appealed this ruling to the Third District Court of Appeals. In July 2003, the Third District Court of Appeals unanimously affirmed the judgment of the Travis County District Court. After considering the progress of the proceeding in light of the decision of the Court of Appeals, management has concluded that it is prudent to accrue for the loss that would be associated with a final, non-appealable decision disallowing the abeyed plant costs. The net carrying value of the abeyed plant costs was \$107.7 million as of June 30, 2003, and after this accrual Entergy Gulf States provided for all potential loss related to current or past contested costs of construction of the River Bend plant. Accrual of the loss was recorded in the second quarter 2003 and reduced net income by \$65.6 million. In January 2004, the Texas Supreme Court asked for full briefing on the merits of the case in response to Entergy Gulf States' petition for review.

#### Filings with the LPSC

ANNUAL EARNINGS REVIEWS (ENTERGY GULF STATES) In December 2002, the LPSC approved a settlement between Entergy Gulf States and the LPSC staff pursuant to which Entergy Gulf States agreed to make a base rate refund of \$16.3 million, including interest, and to implement a \$22.1 million prospective base rate reduction effective January 2003. The settlement discharged any potential liability for claims that relate to Entergy Gulf States' fourth, fifth, sixth, seventh, and eighth post-merger earnings reviews. Entergy Gulf States made the refund in February 2003. In addition to resolving and discharging all liability associated with the fourth through eighth earnings reviews, the settlement provides that Entergy Gulf States shall be authorized to continue to reflect in rates a ROE of 11.1% until a different ROE is authorized by a final resolution disposing of all issues in the proceeding that was commenced with Entergy Gulf States' May 2002 filing.

In May 2002, Entergy Gulf States filed its ninth and last required post-merger analysis with the LPSC. The filing included an earnings review filing for the 2001 test year that resulted in a rate decrease of \$11.5 million, which was implemented effective June 2002. In April 2003, the LPSC staff filed testimony in which it recommended that the LPSC require a rate refund of \$30.3 million and a prospective rate reduction of \$75.9 million, before taking into account the \$11.5 million rate reduction that Entergy Gulf States implemented effective June 2002. In July 2003, Entergy Gulf States filed testimony rebutting the LPSC staff's testimony and supporting the filing. During discovery, the LPSC staff requested that Entergy Gulf States provide updated cost of service data to reflect changes in costs, revenues, and rate base through December 31, 2002. In September 2003, Entergy Gulf States supplied the updated data. In December 2003, the LPSC staff recommended a rate refund of \$30.6 million and a prospective rate reduction of approximately \$50 million. Hearings are scheduled to begin in April 2004. Entergy Gulf States cannot predict the ultimate outcome of this proceeding.

#### RETAIL RATES (ENTERGY LOUISIANA)

In January 2004, Entergy Louisiana made a rate filing with the LPSC requesting a base rate increase of approximately \$167 million. In that filing, Entergy Louisiana noted that approximately \$73 million of the base rate increase was attributable to certain power purchase agreements, the

#### **NOTES TO CONSOLIDATED FINANCIAL STATEMENTS** continued

implementation of which would, based on current natural gas prices, produce fuel savings for customers that substantially mitigate the impact of the requested base rate increase. The filing also requested an allowed ROE of 11.4%. Entergy Louisiana's previously authorized ROE midpoint currently in effect is 10.5%. Hearings are currently set for September 2004.

#### Filings with the MPSC (Entergy Mississippi) Formula Rate Plan Filings

In December 2002, the MPSC issued a final order approving a joint stipulation entered into by Entergy Mississippi and the Mississippi Public Utilities Staff in October 2002. The final order results in a \$48.2 million rate increase, or about a 5.3% increase in overall retail revenues, which is based on an ROE of 11.75%. The rate increase began in January 2003. The order endorsed a new power management rider schedule designed to more efficiently collect capacity portions of purchased power costs. Also, the order provides for improvements in the return on equity formula and more robust performance measures for Entergy Mississippi's formula rate plan. Under the provisions of Entergy Mississippi's formula rate plan, a bandwidth is placed around the benchmark ROE, and if Entergy Mississippi earns outside of the bandwidth (as well as outside of a range-of-no-change at each edge of the bandwidth), then Entergy Mississippi's rates will be adjusted, though on a prospective basis only. Under the provisions of the order. Entergy Mississippi will make its next formula rate plan filing during March 2004. The "benchmark ROE" set out in Entergy Mississippi's March 2004 annual formula rate plan filing likely will differ from the last approved ROE. Under Mississippi law and Entergy Mississippi's formula rate plan, however, if Entergy Mississippi's earned ROE is above the top of the range-of-no-change at the top of the formula rate plan bandwidth, then Entergy Mississippi's "Allowed ROE" for the next twelve-month period is the point halfway between such earned ROE and the top of the bandwidth; and Entergy Mississippi's retail rates are set at that halfway-point ROE level. In the situation where Entergy Mississippi's earned ROE is not above the top of the range-of-no-change at the top of the bandwidth, then Entergy Mississippi's "Allowed ROE" for the next twelvemonth period is the top of the range-of-no-change at the top of the bandwidth.

## GRAND GULF ACCELERATED RECOVERY TARIFF (GGART)

In September 1998, FERC approved the GGART for Entergy Mississippi's allocable portion of Grand Gulf, which was filed with FERC in August 1998. The GGART provided for the acceleration of Entergy Mississippi's Grand Gulf purchased power over the period October 1, 1998 through June 30, 2004. In May 2003, the MPSC authorized the cessation of the GGART effective July 1, 2003. Entergy Mississippi filed notice of the change with FERC and FERC approved the filing on July 30, 2003. Entergy Mississippi accelerated a total of \$168.4 million of Grand Gulf purchased power obligation under the GGART over the period October 1, 1998 through June 30, 2003.

#### Filings with the Council (Entergy New Orleans) RATE PROCEEDINGS

In May 2002, Entergy New Orleans filed a cost of service study and revenue requirement filing with the City Council for the 2001 test year. The filing indicated that a revenue deficiency existed and that a \$28.9 million electric rate increase and a \$15.3 million gas rate increase were appropriate. Additionally, Entergy New Orleans proposed a \$6 million public benefit fund. In March 2003, Entergy New Orleans and the Advisors to the City Council presented to the City Council an agreement in principle and the City Council approved that agreement in May 2003 allowing for a total increase of \$30.2 million in electric and gas base rates effective June 1, 2003. Certain intervenors have appealed the City Council's approval to Civil District Court for the Parish of Orleans. Entergy New Orleans and the City Council will oppose the appeal, but the outcome cannot be predicted.

#### FUEL ADJUSTMENT CLAUSE LITIGATION

In April 1999, a group of ratepayers filed a complaint against Entergy New Orleans, Entergy Corporation, Entergy Services, and Entergy Power in state court in Orleans Parish purportedly on behalf of all Entergy New Orleans ratepayers. The plaintiffs seek treble damages for alleged injuries arising from the defendants' alleged violations of Louisiana's antitrust laws in connection with certain costs passed on to ratepayers in Entergy New Orleans' fuel adjustment filings with the City Council. In particular, plaintiffs allege that Entergy New Orleans improperly included certain costs in the calculation of fuel charges and that Entergy New Orleans imprudently purchased high-cost fuel from other Entergy affiliates. Plaintiffs allege that Entergy New Orleans and the other defendant Entergy companies conspired to make these purchases to the detriment of Entergy New Orleans' ratepayers and to the benefit of Entergy's shareholders, in violation of Louisiana's antitrust laws. Plaintiffs also seek to recover interest and attorneys' fees. Entergy filed exceptions to the plaintiffs' allegations, asserting, among other things, that jurisdiction over these issues rests with the City Council and FERC. If necessary, at the appropriate time, Entergy will also raise its defenses to the antitrust claims. The suit in state court has been stayed by stipulation of the parties pending a decision by the City Council in the proceeding discussed in the next paragraph.

Plaintiffs also filed this complaint with the City Council in order to initiate a review by the City Council of the plaintiffs' allegations and to force restitution to ratepayers of all costs they allege were improperly and imprudently included in the fuel adjustment filings. Testimony was filed on behalf of the plaintiffs in this proceeding asserting. among other things, that Entergy New Orleans and other defendants have engaged in fuel procurement and power purchasing practices and included costs in Entergy New Orleans' fuel adjustment that could have resulted in New Orleans customers being overcharged by more than \$100 million over a period of years. Hearings were held in February and March 2002. In February 2004, the City Council approved a resolution that results in a refund to customers of \$11.3 million, including interest, during the months of June through September 2004. Entergy New Orleans has accrued for this liability as of December 31, 2003. The resolution concludes, among other things, that the record does not support an allegation that Entergy New Orleans' actions or inactions, either alone or in concert with Entergy or any of its affiliates, constituted a misrepresentation or a suppression of the truth made in order to obtain an unjust advantage of Entergy New Orleans, or to cause loss, inconvenience, or harm to its ratepayers. The plaintiffs have appealed the City Council resolution to the state court in Orleans Parish.

#### SYSTEM ENERGY'S 1995 RATE PROCEEDING

System Energy applied to FERC in May 1995 for a rate increase, and implemented the increase in December 1995. The request sought changes to System Energy's rate schedule, including increases in the revenue requirement associated with decommissioning costs, the depreciation rate, and the rate of return on common equity. The request proposed a 13% return on common equity. In July 2000, FERC approved a rate of return of 10.58% for the period December 1995 to the date of FERC's decision, and prospectively adjusted the rate of return to 10.94% from the date of FERC's decision. FERCs decision also changed other aspects of System Energy's proposed rate schedule, including the depreciation rate and decommissioning costs and their methodology. FERC accepted System Energy's compliance tariff in November 2001. System Energy made refunds to the domestic utility companies in December 2001.

In accordance with regulatory accounting principles, during the pendency of the case, System Energy recorded reserves for potential refunds against its revenues. Upon the order becoming final, Entergy Arkansas, Entergy Louisiana, Entergy Mississippi, Entergy New Orleans, and System Energy recorded entries to spread the impacts of FERC's order to the various revenue, expense, asset, and liability accounts affected, as if the order had been in place since commencement of the case in 1995. System Energy also recorded an additional reserve amount against its revenue, to adjust its estimate of the impact of the order, and recorded additional interest expense on that reserve. System Energy also recorded reductions in its depreciation and its decommissioning expenses to reflect the lower levels in FERC's order, and reduced tax expense affected by the order.

#### FERC SETTLEMENT

In November 1994, FERC approved an agreement settling a long-standing dispute involving income tax allocation procedures of System Energy. In accordance with the agreement, System Energy has been refunding a total of approximately \$62 million, plus interest, to Entergy Arkansas, Entergy Louisiana, Entergy Mississippi, and Entergy New Orleans through June 2004. System Energy also reclassified from utility plant to other deferred debits approximately \$81 million of other Grand Gulf 1 costs. Although such costs are excluded from rate base, System Energy is amortizing and recovering these costs over a 10-year period. Interest on the \$62 million refund and the loss of the return on the \$81 million of other Grand Gulf 1 costs is reducing Entergy's and System Energy's net income by approximately \$10 million annually.

#### NOTE 3. INCOME TAXES

Income tax expenses for 2003, 2002, and 2001 consist of the following (in thousands):

`	2003	2002	2001
			· · · ,
\$	(731,129)	\$ 510,109	\$321,085
	8,284	(3,295)	3,355
	23,396	43,788	53,565
	(699,449)	550,602	378,005
	1,307,092	(233,532)	110,944
	•••••	· .	• ••
	(27,644)	(23,132)	(23,192)
\$	579,999	\$ 293,938	\$465,757
		\$ (731,129) 8,284 23,396 (699,449) 1,307,092 (27,644)	\$ (731,129) \$ 510,109 8,284 (3,295) 23,396 43,788 (699,449) 550,602 1,307,092 (233,532) (27,644) (23,132)

(\$113,466) in 2001. Entergy Louisiana's mark-to-market tax accounting election significantly reduced taxes paid in 2001 and 2002. In 2001, Entergy Louisiana changed its method of accounting for tax purposes related to the contract to purchase power from the Vidalia project (the contract is discussed in Note 9 to the consolidated financial statements). The new tax accounting method has provided a cumulative cash flow benefit of approximately \$805 million through 2003, which is expected to reverse in the years 2005 through 2031. The election did not reduce book income tax expense. The timing of the reversal of this benefit depends on several variables, including the price of power. Approximately half of the consolidated cash flow benefit of the election occurred in 2001 and the remainder occurred in 2002.

Total income taxes differ from the amounts computed by applying the statutory income tax rate to income before taxes. The reasons for the differences for the years 2003, 2002, and 2001 are (in thousands):

2003	2002	2001
\$535,663	\$320,954	\$425,692
	9 I	
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÷ ,		
54,024	· 44,835	45,124
		•
52,638	. 29,774	11,890
(24,364)	(22,294)	(22,488)
	· · ·	
(30,221)	(38,197)	(20,698)
7,888	(28,416)	21,422
(15,629)	(12,718)	4,815
\$579,999	\$293,938	\$465,757
37.9%	32.1%	38.3%
	\$535,663 54,024 52,638 (24,364) (30,221) 7,888 (15,629) \$579,999	\$535,663 \$320,954 54,024 44,835 52,638 29,774 (24,364) (22,294) (30,221) (38,197) 7,888 (28,416) (15,629) (12,718) \$579,999 \$293,938

#### **NOTES TO CONSOLIDATED FINANCIAL STATEMENTS** continued

Significant components of net deferred and noncurrent accrued tax liabilities as of December 31, 2003 and 2002 are as follows (in thousands):

	2003	2002
Deferred and Noncurrent		
Accrued Tax Liabilities:		
Net regulatory liabilities	\$(1,072,898)	\$(1,085,287)
Plant-related basis differences	(3,574,593)	(3,064,130)
Power purchase agreements	(945,495)	(866,976)
Nuclear decommissioning	(624,429)	(237,944)
Other	(379,875)	(406,703)
Total	(6,597,290)	(5,661,040)
Deferred Tax Assets:		
Accumulated deferred investment		
tax credit	141,723	151,930
Capital loss carryforwards	92,423	68,378
Net operating loss carryforwards	129,122	23,086
Sale and leaseback	223,134	232,228
Unbilled/deferred revenues	18,983	309,346
Pension-related items	204,083	139,058
Reserve for regulatory adjustments	138,933	103,843
Customer deposits	108,591	58,165
Nuclear decommissioning	377,952	104,555
Other	399,080	229,555
Valuation allowance	(39,210)	(36,372)
Total	1,794,814	1,383,772
Net deferred and noncurrent	•	
accrued tax liability	\$(4,802,476)	\$(4,277,268)

At December 31, 2003, Entergy had \$192 million in net realized federal capital loss carryforwards that will expire as follows: \$12 million in 2006, \$163 million in 2007, and \$17 million in 2008.

At December 31, 2003, Entergy had state net operating loss carryforwards of \$1.9 billion, primarily resulting from Entergy Louisiana's mark-to-market tax election. If the state net operating loss carryforwards are not utilized, they will expire in the years 2010 through 2016.

The 2003 and 2002 valuation allowances are provided against UK capital loss and UK net operating loss carryforwards, which can be utilized against future UK taxable income. For UK tax purposes, these carryforwards do not expire.

At December 31, 2003, Entergy had \$9.8 million of indefinitely reinvested undistributed earnings from subsidiary companies outside the U.S. Upon distribution of these earnings in the form of dividends or otherwise, Entergy could be subject to U.S. income taxes (subject to foreign tax credits) and withholding taxes payable to various foreign countries.

### NOTE 4. LINES OF CREDIT AND RELATED SHORT-TERM BORROWINGS

Entergy Corporation has in place a 364-day bank credit facility with a borrowing capacity of \$1.45 billion, none of which was outstanding as of December 31, 2003. The commitment fee for this facility is currently 0.20% of the line amount. Commitment fees and interest rates on loans under the credit facility can fluctuate depending on the senior debt ratings of the domestic utility companies.

Although the Entergy Corporation credit facility expires in May 2004, Entergy has the discretionary option to extend the period to repay the amount then outstanding for an additional 364-day term. Because of this option, which Entergy intends to exercise if it does not renew the credit line or obtain an alternative source of financing, the credit line is reflected in long-term debt on the balance sheet. Entergy Corporation's facility requires it to maintain a consolidated debt ratio of 65% or less of its total capitalization, and maintain an interest coverage ratio of 2 to 1. If Entergy fails to meet these limits, or if Entergy or the domestic utility companies default on other indebtedness or are in bankruptcy or insolvency proceedings, an acceleration of the facility's maturity date may occur.

The short-term borrowings of Entergy's subsidiaries are limited to amounts authorized by the SEC. The current limits authorized are effective through November 30, 2004. Also, under the SEC order authorizing the short-term borrowing limits, the domestic utility companies and System Energy cannot incur new short-term indebtedness if the issuer's common equity would comprise less than 30% of its capital. In addition to borrowing from commercial banks, Entergy's subsidiaries are authorized to borrow from the Entergy System Money Pool (money pool). The money pool is an inter-company borrowing arrangement designed to reduce Entergy's subsidiaries' dependence on external short-term borrowings. Borrowings from the money pool and external borrowings combined may not exceed the SEC authorized limits. As of December 31, 2003, Entergy's subsidiaries' authorized limit was \$1.6 billion and the outstanding borrowing from the money pool was \$147.1 million. There were no borrowings outstanding from external sources. There is further discussion of commitments for long- term financing arrangements in Note 5 to the consolidated financial statements.

Entergy Arkansas, Entergy Louisiana, and Entergy Mississippi each have 364-day credit facilities available as follows:

	Expiration	Amount of	Amount Drawn as
Company	Date	Facility	of Dec. 31, 2003
Entergy Arkansas	April 2004	\$63 million	
Entergy Louisiana	May 2004	\$15 million	•
Entergy Mississippi	May 2004	\$25 million	

The facilities have variable interest rates and the average commitment fee is 0.14%.

#### NOTE 5. LONG-TERM DEBT

Long-term debt as of December 31, 2003 and 2002 consisted of (in thousands):

Entergy Corporation

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ortgage Bonds:		Maturity Date	2003	200
3.25% Series	Entergy Mississippi	February 2003	\$ -	\$ 70,00
7.75% Series	Entergy Mississippi	February 2003	-	120,00
3.75% Series	Entergy Gulf States	March 2003		33,00
7.72% Series	Entergy Arkansas	March 2003	a de la companya de l	100,00
8.5% Series	Entergy Louisiana	June 2003	· · · · · · · · · · · · · · · · · · ·	150,00
Libor + 1.2% Series	Entergy Gulf States	June 2003	····	260,00
3.0% Series	Entergy Arkansas	October 2003	-	155,00
3.625% Series	Entergy Mississippi	November 2003		65,00
3.65% Series	Entergy New Orleans	March 2004		30,00
8.25% Series	Entergy Gulf States	April 2004	292,000	292,00
3.2% Series	Entergy Mississippi	May 2004	75,000	75,00
Libor + 0.65% Series	Entergy Mississippi	May 2004	i i se	50,00
8.25% Series	Entergy Mississippi	July 2004	· · · · · ·	25,00
Libor + 1.3% Series	Entergy Gulf States	September 2004	1	300,00
<b>5.125% Series</b>	Entergy Arkansas	July 2005	100,000	100,00
3.125% Series	Entergy New Orleans	July 2005	30,000	30,00
3.65% Series	Entergy Arkansas	August 2005	-	115,00
3.77% Series	Entergy Gulf States	August 2005	98,000	98,00
3.0% Series	Entergy New Orleans	March 2006		40,00
Libor + 0.90% Series	Entergy Gulf States	June 2007	275.000	-10,00
7.5% Series		August 2007	000,013	100.00
	Entergy Arkansas			100,0
4.875% Series	System Energy	October 2007	70,000	70,0
5.2% Series	Entergy Gulf States	December 2007	200,000	200,00
3.5% Series	Entergy Louisiana	March 2008	115,000	115,0
4.35% Series	Entergy Mississippi	April 2008	100,000	• •
3.45% Series	Entergy Mississippi	April 2008	80,000	80,0
3.6% Series	Entergy Gulf States	June 2008	325,000	•
7.0% Series	Entergy New Orleans	July 2008		30,0
3.875% Series	Entergy New Orleans	August 2008	30,000	· · · ·
3.0% Series	Entergy Gulf States	December 2012	140,000	140,0
5.15% Series	Entergy Mississippi	February 2013	100,000	•••
5.25% Series	Entergy New Orleans	August 2013	70,000	
5.25% Series	Entergy Gulf States	August 2015	200,000	•
3.75% Series	Entergy New Orleans	October 2017	25,000	25.0
5.4% Series	Entergy Arkansas	May 2018	150,000	
4.95% Series	Entergy Mississippi	June 2018	95,000	
5.0% Series	Entergy Arkansas	July 2018	115,000	
3.94% Series	Entergy Gulf States	January 2022	110,000	150,0
3.0% Series			45.000	45,0
	Entergy New Orleans	March 2023	45,000	
7.7% Series	Entergy Mississippi	July 2023	60,000	60,0
7.55% Series	Entergy New Orleans	September 2023	30,000	30,0
7.0% Series	Entergy Arkansas	October 2023	175,000	175,0
8.7% Series	Entergy Gulf States	April 2024		294,9
6.7% Series	Entergy Arkansas	April 2032	100,000	100,0
7.6% Series	Entergy Louisiana	April 2032	150,000	150,0
5.0% Series	Entergy Arkansas	November 2032	100,000	100,0
3.0% Series	Entergy Mississippi	November 2032	75,000	75,0
7.25% Series	Entergy Mississippi	December 2032	100,000	100,0
5.9% Series	Entergy Arkansas	June 2033	100,000	
6.2% Series	Entergy Gulf States	July 2033	240,000	
Total mortgage bonds			\$3,860,000	\$4,147,9
vernmental Bonds (*):	Colongiou Dorich Touisiss	Maturity Date	2003	200
5.45% Series	Calcasieu Parish - Louisiana		\$ 22,095	\$ 22,10
6.75% Series	Calcasieu Parish - Louisiana		48,285	48,28
6.7% Series	Pointe Coupee Parish - Louis	siana 2013	17,450	17,45
5.7% Series	Iberville Parish - Louisiana	2014	21,600	21,60
7.7% Series	West Feliciana Parish - Loui	siana 2014	94,000	94,00
5.8% Series	West Feliciana Parish - Loui	siana 2015	28,400	28,40
7.0% Series	West Feliciana Parish - Loui	siana 2015	39,000	39,00
	1111 - A 111-12 - A 111-1 - A 11-1 - A 11-1 - A 11-1	0015	41,600	41,60
7.5% Series	West Feliciana Parish - Loui	siana 2015		
7.5% Series 9.0% Series	West Feliciana Parish - Loui West Feliciana Parish - Loui		45,000	45,00

#### NOTES TO CONSOLIDATED FINANCIAL STATEMENTS continued

vernmental Bonds <sup>(*)</sup> con		2003	200
6.3% Series		\$ 19,500	\$ 19,50
5.6% Series	Jefferson County - Arkansas 2017	45,500	45,50
6.3% Series	Jefferson County - Arkansas 2018	9,200	9,20
6.3% Series	Pope County - Arkansas 2020	120,000	120,00
6.25% Series	Independence County - Arkansas 2021	45,000	45,00
7.5% Series	St. Charles Parish - Louisiana 2021	50,000	50,00
5.875% Series	Mississippi Business Finance Corp. 2022	216,000	216,00
5.9% Series	Mississippi Business Finance Corp. 2022	102,975	102,97
7.0% Series	Warren County - Mississippi 2022	8,095	8,09
7.0% Series	Washington County - Mississippi 2022	7,935	7,93
7.0% Series	St. Charles Parish - Louisiana 2022	24,000	24,00
7.05% Series	St. Charles Parish - Louisiana 2022	20,000	20,00
Auction Rate	Independence City - Mississippi 2022	30,000	30,00
5.95% Series	St. Charles Parish - Louisiana 2023	25,000	25,00
6.2% Series	St. Charles Parish - Louisiana 2023	33,000	33,00
6.875% Series	St. Charles Parish - Louisiana 2024	20,400	20,40
6.375% Series	St. Charles Parish - Louisiana 2025	16,770	16,77
7.3% Series	Claiborne County - Mississippi 2025	7,625	7,62
3.2% Series	Claiborne County - Mississippi 2026	90,000	90,00
5.05% Series	Pope County - Arkansas (*) 2028	47,000	47,00
5.65% Series	West Feliciana Parish - Louisiana (*) 2028	62,000	62,00
3.6% Series	West Feliciana Parish - Louisiana 2028	40,000	40,00
5.35% Series	St. Charles Parish - Louisiana (4) 2029		110,95
Auction Rate	St. Charles Parish - Louisiana 2030	60,000	60,00
Auction reaso			
1 Old Samon	St. Charles Parish - Louisiana (%) 2030		55.00
Total governmental bo	St. Charles Parish - Louisiana <sup>(0)(7)</sup> 2030 nds	55,000 \$1,532,430	55,00 \$1,643,38
her Long-Term Debt:	nds	55,000	
Total governmental bo her Long-Term Debt: Note Payable to NYPA,	nds non-interest bearing, 4.8% implicit rate	55,000 <b>\$1,532,430</b> 2003	<b>\$1,643,38</b> 200
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Es	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4)	55,000 \$1,532,430 2003 \$ 514,708 -	\$1,643,38 200 \$ 683,64
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005	55,000 \$1,532,430 2003 \$ 514,708 - 60,000	\$1,643,38 200 \$ 683,64 535,00
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000	\$1,643,38 200 \$ 683,64 535,00
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter 5.17% Notes due March	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000	\$1,643,38 200 \$ 683,64 535,00
Total governmental bo ner Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter 5.17% Notes due March 5.23% Notes due March	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 15,000	\$1,643,38 200 \$ 683,64 535,00
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter 5.17% Notes due March 5.23% Notes due March 5.13% Notes due Septer	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation aber 2008, Entergy Corporation	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 15,000 150,000	\$1,643,38 200 \$ 683,64 535,00 60,00
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter 5.17% Notes due March 5.23% Notes due March 5.13% Notes due Septer 7.75% Notes due Decem	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation aber 2008, Entergy Corporation ber 2009, Entergy Corporation	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 15,000 150,000 267,000	\$1,643,38 200 \$ 683,64 535,00 60,00
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter 3.17% Notes due March 3.23% Notes due March 3.13% Notes due Septer 7.75% Notes due Decem 3.58% Notes due May 2	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation nber 2008, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 15,000 150,000 267,000 75,000	\$1,643,38 200 \$ 683,64 535,00
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter 3.17% Notes due March 3.23% Notes due March 3.13% Notes due Septer 7.75% Notes due Decem 3.58% Notes due May 2 3.9% Notes due Novemb	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation nber 2008, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation per 2010, Entergy Corporation	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 150,000 267,000 75,000 140,000	\$1,643,38 200 \$ 683,64 535,00 60,00
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (E: Bank Term Loan, Enter Bank Term Loan, Enter 5.17% Notes due March 5.23% Notes due March 5.13% Notes due Septer 7.75% Notes due Decem 5.58% Notes due May 2 5.9% Notes due Novem 7.06% Notes due March	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation aber 2008, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation per 2010, Entergy Corporation 2011, Entergy Corporation	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 150,000 267,000 75,000 140,000 86,000	\$1,643,38 200 \$ 683,64 535,00 60,00 267,00
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter 3.17% Notes due March 3.23% Notes due March 3.58% Notes due May 2 3.58% Notes due May 2 3.9% Notes due Movemb 7.06% Notes due March Long-term DOE Obligat	nds non-interest bearing, 4.8% implicit rate htergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation her 2009, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation er 2010, Entergy Corporation 2011, Entergy Corporation ion (*)	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 15,000 150,000 267,000 75,000 140,000 86,000 154,409	\$1,643,38 200 \$ 683,64 535,00 60,00 267,00 152,80
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (E) Bank Term Loan, Enter Bank Term Loan, Enter	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation aber 2009, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation er 2010, Entergy Corporation 2011, Entergy Corporation ion (r) gation, 7.45% (Entergy Corporation and Subsidiaries, Note 10)	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 15,000 150,000 267,000 75,000 140,000 86,000 154,409 262,534	\$1,643,38 200 \$ 683,64 535,00 60,00 267,00 152,80 297,95
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (El Bank Term Loan, Enter Bank Term Loan, Enter	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation ber 2009, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation er 2010, Entergy Corporation 2011, Entergy Corporation ion (a) gation, 7.45% (Entergy Corporation and Subsidiaries, Note 10) ation, 7.02% (Entergy Corporation and Subsidiaries, Note 10)	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 150,000 267,000 75,000 140,000 86,000 154,409 262,534 403,468	\$1,643,38 200 \$ 683,64 535,00 60,00 267,00 152,80 297,95 414,84
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (E) Bank Term Loan, Enter Bank Term Loan, Enter	nds non-interest bearing, 4.8% implicit rate htergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation ber 2009, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation 2011, Entergy Corporation 2011, Entergy Corporation ion @ gation, 7.45% (Entergy Corporation and Subsidiaries, Note 10) ation, 7.02% (Entergy Corporation and Subsidiaries, Note 10) and Discount - Net	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 15,000 150,000 267,000 75,000 140,000 86,000 154,409 262,534	\$1,643,38 200 \$ 683,64 535,00 60,00 267,00 152,80 297,95 414,84 (13,74
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter	nds non-interest bearing, 4.8% implicit rate htergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation 2010, Entergy Corporation 2011, Entergy Corporation ion <sup>co</sup> ration, 7.45% (Entergy Corporation and Subsidiaries, Note 10) ation, 7.02% (Entergy Corporation and Subsidiaries, Note 10) and Discount - Net ct Debt, avg rate 3.15% due 2003	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 150,000 267,000 75,000 140,000 86,000 154,409 262,534 403,468 (11,853) -	\$1,643,38 200 \$683,64 535,00 60,00 267,00 152,80 297,95 414,84 (13,74 79,02
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Exi Bank Term Loan, Enter Bank Term Loan, Ente	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation ber 2009, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation 2011, Entergy Corporation 2011, Entergy Corporation ion <sup>(c)</sup> ration, 7.45% (Entergy Corporation and Subsidiaries, Note 10) ation, 7.02% (Entergy Corporation and Subsidiaries, Note 10) and Discount - Net ct Debt, avg rate 3.15% due 2003 ed Deferrable Interest Debentures, Due 2045 - Entergy Arkansas	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 150,000 267,000 75,000 140,000 86,000 154,409 262,534 403,468 (11,853) - 61,856	\$1,643,38 200 \$683,64 535,00 60,00 267,00 257,00 257,95 414,84 (13,74 79,02 61,85
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation ber 2009, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation 2011, Entergy Corporation 2011, Entergy Corporation ion $\omega$ gation, 7.45% (Entergy Corporation and Subsidiaries, Note 10) ation, 7.02% (Entergy Corporation and Subsidiaries, Note 10) ation, 7.02% (Entergy Corporation and Subsidiaries, Note 10) ation 400 2003 ed Deferrable Interest Debentures, Due 2045 - Entergy Arkansas ted Deferrable Interest Debentures, Due 2046 - Entergy Gulf States	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 150,000 267,000 75,000 140,000 86,000 154,409 262,534 403,468 (11,853) - 61,856 87,629	\$1,643,38 200 \$ 683,64 535,00 60,00 267,00 267,00 152,80 297,95 414,84 (13,74 79,02 61,85 87,62
Total governmental bo her Long-Term Debt: Note Payable to NYPA, Bank Credit Facility (Er Bank Term Loan, Enter Bank Term Loan, Enter	nds non-interest bearing, 4.8% implicit rate ntergy Corporation and Subsidiaries, Note 4) gy Corporation, avg rate 2.98%, due 2005 gy Corporation, avg rate 3.08%, due 2008 2008, Entergy Corporation 2008, Entergy Corporation ber 2009, Entergy Corporation ber 2009, Entergy Corporation 010, Entergy Corporation 2011, Entergy Corporation 2011, Entergy Corporation ion <sup>(c)</sup> ration, 7.45% (Entergy Corporation and Subsidiaries, Note 10) ation, 7.02% (Entergy Corporation and Subsidiaries, Note 10) and Discount - Net ct Debt, avg rate 3.15% due 2003 ed Deferrable Interest Debentures, Due 2045 - Entergy Arkansas	55,000 \$1,532,430 2003 \$ 514,708 - 60,000 35,000 72,000 150,000 267,000 75,000 140,000 86,000 154,409 262,534 403,468 (11,853) - 61,856 87,629 72,165	\$1,643,38 200 \$ 683,64 535,00 60,00 267,00 267,00 297,95 414,84 (13,74 79,02 61,85 87,62 72,16
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\$7,113,740 Fair Value of Long-Term Debt (h) (a) Consists of pollution control revenue bonds and environmental revenue bonds, certain series of which are secured by non-interest bearing first mortgage bonds.

(b) The bonds are subject to mandatory tender for purchase from the holders at 100% of the principal amount outstanding on September 1, 2005 and can then be remarketed.

(c) The bonds are subject to mandatory tender for purchase from the holders at 100% of the principal amount outstanding on September 1, 2004 and can then be remarketed. (d) The bonds had a mandatory tender date of October 1, 2003. Entergy Louisiana purchased the bonds from the holders, pursuant to the mandatory tender provision, and has not remarketed the bonds at this time. Entergy Louisiana used a combination of cash on hand and short-term borrowing to buy in the bonds.

(e) On June 1, 2002, Entergy Louisiana remarketed \$55 million St. Charles Parish Pollution Control Revenue Refunding Bonds due 2030, resetting the interest rate to 4.9% through May 2005.

(f) The bonds are subject to mandatory tender for purchase from the holders at 100% of the principal amount outstanding on June 1, 2005 and can then be remarketed.

(g) Pursuant to the Nuclear Waste Policy Act of 1982, Entergy's nuclear owner / licensee subsidiaries have contracts with the DOE for spent nuclear fuel disposal service. The contracts include a one-time fee for generation prior to April 7, 1983. Entergy Arkansas is the only Entergy company that generated electric power with nuclear fuel prior to that date and includes the one-time fee, plus accrued interest, in long-term debt.

(h) The fair value excludes lease obligations, long term DOE obligations, and other long term debt and includes debt due within one year. It is determined using bid prices reported by dealer markets and by nationally recognized investment banking firms.


The annual long-term debt maturities (excluding lease obligations) for debt outstanding as of December 31, 2003, for the next five years are as follows (in thousands):

2004	2005	2006	2007	2008
\$503,215	\$462,420	\$75,896	\$624,539	\$941,625

In November 2000, Entergy's Non-Utility Nuclear business purchased the FitzPatrick and Indian Point 3 power plants in a seller-financed transaction. Entergy issued notes to New York Power Authority (NYPA) with seven annual installments of approximately \$108 million commencing one year from the date of the closing, and eight annual installments of \$20 million commencing eight years from the date of the closing. These notes do not have a stated interest rate, but have an implicit interest rate of 4.8%. In accordance with the purchase agreement with NYPA; the purchase of Indian Point 2 resulted in Entergy's Non-Utility Nuclear business becoming liable to NYPA for an additional \$10 million per year for 10 years, beginning in September 2003. This liability was recorded upon the purchase of. Indian Point 2 in September 2001, and is included in the note payable to NYPA balance above. In July 2003, a payment of \$102 million was made prior to maturity on the note payable to NYPA. Under a provision in a letter of credit supporting these notes, if certain of the domestic utility companies or System Energy were to default on other indebtedness, Entergy could be required to post collateral to support the letter of credit.

Covenants in the Entergy Corporation notes require it to maintain a consolidated debt ratio of 65% or less of its total capitalization. If Entergy's debt ratio exceeds this limit, or if Entergy or certain of the domestic utility companies default on other indebtedness or are in bankruptcy or insolvency proceedings, an acceleration of the notes' maturity dates may occur.

## **CAPITAL FUNDS AGREEMENT**

Pursuant to an agreement with certain creditors, Entergy Corporation has agreed to supply System Energy with sufficient capital to:

 maintain System Energy's equity capital at a minimum of 35% of its total capitalization (excluding short-term debt);

• permit the continued commercial operation of Grand Gulf 1;

 pay in full all System Energy indebtedness for borrowed money when due; and

enable System Energy to make payments on specific
 System Energy debt, under supplements to the
 agreement assigning System Energy's rights in
 the agreement as security for the specific debt.

# NOTE 6. COMPANY-OBLIGATED REDEEMABLE PREFERRED SECURITIES

Entergy implemented Financial Accounting Standards Board (FASB) Interpretation No. 46, "Consolidation of Variable Interest Entities" effective December 31, 2003. FIN 46 requires existing unconsolidated variable interest entities to be consolidated by their primary beneficiaries if the entities do not effectively disperse risks among their investors. Variable interest entities (VIEs), generally, are entities that do not have sufficient equity to permit the entity to finance its operations without additional financial support from its equity interest holders and/or the group of equity interest holders are collectively not able to exercise control over the entity. The primary beneficiary is the party that absorbs a majority of the entity's expected losses, receives a majority of its expected residual returns, or both as a result of holding the variable interest. A company may have an interest in a VIE through ownership or other contractual rights or obligations.

Entergy Louisiana Capital I, Entergy Arkansas Capital I, and Entergy Gulf States Capital I (Trusts) were established as financing subsidiaries of Entergy Louisiana, Entergy Arkansas, and Entergy Gulf States, respectively, (the parent company or companies, collectively) for the purposes of issuing common and preferred securities. The Trusts issued Cumulative Quarterly Income Preferred Securities (Preferred Securities) to the public and issued common securities to their parent companies. Proceeds from such issues were used to purchase junior subordinated deferrable interest debentures (Debentures) from the parent company. The Debentures held by each Trust are its only assets. Each Trust uses interest payments received on the Debentures owned by it to make cash distributions on the Preferred Securities and common securities. The parent companies fully and unconditionally guaranteed payment of distributions on the Preferred Securities issued by the respective Trusts. Prior to the application of FIN 46, each parent company consolidated its interest in its Trust. Because each parent company's share of expected losses of its Trust is limited to its investment in its Trust, the parent companies are not considered the primary beneficiaries and therefore de-consolidated their interest in the Trusts upon application of FIN 46 with no significant impacts to the financial statements. The parent companies' investment in the Trusts and the Debentures issued by each parent company are included in Other Property and Investments and Long-Term Debt, respectively. The financial statements as of December 31, 2002 have been reclassified to reflect the application of FIN 46 as of that date.

## ENTERGY CORPORATION AND SUBSIDIARIES 2003

# **NOTES TO CONSOLIDATED FINANCIAL STATEMENTS** continued

## NOTE 7. PREFERRED STOCK

The number of shares authorized and outstanding and dollar value of preferred stock for Entergy Corporation subsidiaries as of December 31, 2003 and 2002 are presented below. Only the Entergy Gulf States series "with sinking fund" contain mandatory redemption requirements. All other series are redeemable at Entergy's option. (\$ in thousands)

			s Authorized Outstanding			Total Dollar Value
	÷. •	2003	2002		2003	2002
Entergy Corporation						
U.S. Utility Preferred Stock:	· · ·			· ·		
Without sinking fund	• . •			· · ·		
Entergy Arkansas, 4.32% - 7.88% Series		1,613,500	1,613,500	· . `	\$116,350	\$116,350
Entergy Gulf States, 4.20% - 7.56% Series	-	473,268	473,268		47,327	47,327
Entergy Louisiana, 4.16% - 8.00% Series	· · ·	2,115,000	2,115,000	• •	100,500	100,500
Entergy Mississippi, 4.36% - 8.36% Series	•	503,807	503,807		50,381	50,831
Entergy New Orleans, 4.36% - 5.56% Series	5. A A	197,798	197,798		19,780	19,780
Total without sinking fund	•	4,903,373	4,903,373		\$334,337	\$334,337
With sinking fund:	· .		•	• •	· · ·	
Entergy Gulf States, Adjustable Rate 7.0% **	. • •	208,519	243,269		\$ 20,852	\$ 24,327
Total with sinking fund		208,519	243,269		\$ 20,852	\$ 24,327
Fair Value of Preferred Stock with sinking fund®		the states	· . · · .		\$ 15,354	\$ 20,792
Totale may not foot due to rounding				-	· · · · · · · · · · · · · · · · · · ·	

Totals may not foot due to rounding. (a)Represents weighted-average annualized rate for 2003.

(b)Fair values were determined using bid prices reported by dealer markets and by nationally recognized investment banking firms.

There is additional disclosure of fair value of financial instruments in Note 15 to the consolidated financial statements.

All outstanding preferred stock is cumulative.

Changes in the preferred stock of Entergy during the past three years were:

	· · ·	Number of Shares		
	2003	2002	2001	
Preferred Stock Retirements	• .	· · · · ·		
Entergy Gulf States	-			
\$100 par value	(34,500)	(18,579)	(49,237)	
Entergy Louisiana	· · ·	_		
\$100 par value	-	. <u> </u>	(350,000)	

Entergy Gulf States has annual sinking fund requirements of \$3.45 million through 2008 for its preferred stock outstanding.

# NOTE 8. COMMON EQUITY

## COMMON STOCK

Treasury Stock

Treasury stock activity for Entergy for 2003 and 2002 (\$ in thousands):

				÷ * .		2003		• .	2002	
· · · · ·		· •	· · · '	· · · ·	Treasury Shares	,	Cost		Treasury Shares	Cost
Beginning Balance, January	1	•		· ,	25,752,410	•	· \$ 747,331		27,441,384	\$ 758,820
Repurchases				· · .	155,000	<u>,</u> -	8,135		2,885,000	118,499
Issuances:			. *	. :		• ,		·		
Equity Ownership/Equity	Awards Plans			• • •	(6,622,095)	) :	(194,057)	۰,	(4,567,054)	(129,748)
Directors' Plan	· . ·		. *	**	(8,870)	) .	(257)		(6,920)	(240)
Ending Balance, December 31					19,276,445	·· .	\$ 561,152	· .	25,752,410	\$ 747,331

Entergy Corporation reissues treasury shares to meet the requirements of the Stock Plan for Outside Directors (Directors' Plan), the Equity Ownership Plan of Entergy Corporation and Subsidiaries (Equity Ownership Plan), the Equity Awards Plan, and certain other stock benefit plans. The Directors' Plan awards to non-employee directors a portion of their compensation in the form of a fixed number of shares of Entergy Corporation common stock.

## **Equity Compensation Plan Information**

Entergy has two plans that grant stock options, equity awards, and incentive awards to key employees of the Entergy subsidiaries. The Equity Ownership Plan is a shareholder-approved stock-based compensation plan. The Equity Awards Plan is a Board-approved stock-based compensation plan. Stock options are granted at exercise prices not less than market value on the date of grant. The majority of options granted in 2003, 2002, and 2001 will become exercisable in equal amounts on each of the first three anniversaries of the date of grant. Options expire ten years after the date of the grant if they are not exercised.

Beginning in 2001, Entergy began granting most of the equity awards and incentive awards earned under its stock benefit plans in the form of performance units, which are equal to the cash value of shares of Entergy Corporation common stock at the time of payment. In addition to the potential for equivalent share appreciation or depreciation, performance units will earn the cash equivalent of the dividends paid during the performance period applicable to each plan. The amount of performance units awarded will not reduce the amount of securities remaining under the current authorizations. The costs of equity and incentive awards, given either as company stock or performance units, are charged to income over the period of the grant or restricted period, as appropriate. In 2003, 2002, and 2001, \$45 million, \$28 million, and \$14 million, respectively, was charged to compensation expense.

Entergy was assisted by external valuation firms to determine the fair value of the stock option grants made in 2003. The fair value applied to the 2003 grants was an average of two firms' option valuations, which included adjustments for factors such as lack of marketability, stock retention requirements, and regulatory restrictions on exercisability. In 2002 and 2001, the fair value of each option grant was estimated on the date of grant using the Black-Scholes option-pricing model, without any such adjustments. The stock option weighted-average assumptions used in determining the fair values were as follows:

	2003	2002	2001
Stock price volatility	26.3%	27.2%	26.3%
Expected term in years	6.2	5.0	5.0
Risk-free interest rate	3.3%	4.2%	4.9%
Dividend yield	3.3%	3.2%	3.4%
Dividend payment	\$1.40	\$1.32	\$1.26

Stock option transactions are summarized as follows:

	2003	2002	2001		
	Number Average of Options Exercise Price	Number Average of Options Exercise Price	Number Average of Options Exercise Price		
Beginning-of-year balance	19,943,114 \$35.85	17,316,816 \$31.06	11,468,316 \$25.52		
Options granted	2,936,236 44.98	8,168,025 41.72	8,602,300 36.96		
Options exercised	(6,927,000) 33.12	(4,877,688) 28.62	(2,407,783) 25.85		
Options forfeited	(522,967) 40.98	(664,039) 36.36	(346,017) 30.35		
End-of-year balance	15,429,383 \$38.64	19,943,114 \$35.85	17,316,816 \$31.06		
Options exercisable at year-end	6,153,043 \$34.82	4,837,511 \$31.39	2,923,452 \$27.35		
Weighted-average fair value					
of options at time of grant	\$6.86	\$9.22	\$8.14		

The following table summarizes information about stock options outstanding as of December 31, 2003

			Options Outstanding		Options Exercisable		
			Weighted-		Number		
Range of		As of	Average Remaining	Weighted-Average	Exercisable	Weighted-Average	
Exercise Prices	- *	12/31/2003	Contractual Life-Years	Exercise Price	at 12/31/03	Exercise Price	
\$18 - \$30.99		2,310,500	5.9	\$26.35	2,258,750	\$26.30	
\$31 - \$42.99		10,286,108	7.7	\$39.65	2,048,780	\$36.82	
\$43 - \$55.99		2,832,775	8.8	\$45.02	1,845,513	\$43.04	
\$18 - \$55.99	1	15,429,383	7.6	\$38.64	6,153,043	\$34.82	

# RETAINED EARNINGS AND DIVIDEND RESTRICTIONS

Provisions within the Articles of Incorporation or pertinent indentures and various other agreements relating to the long-term debt and preferred stock of certain of Entergy Corporation's subsidiaries restrict the payment of cash dividends or other distributions on their common and preferred stock. As of December 31, 2003, Entergy Arkansas and Entergy Mississippi had restricted retained earnings unavailable for distribution to Entergy Corporation of \$309.4 million and \$41.9 million, respectively. Additionally, PUHCA prohibits Entergy Corporation's subsidiaries from making loans or advances to Entergy Corporation. In 2003, Entergy Corporation received dividend payments totaling \$425 million from subsidiaries.

Investments in affiliates that are not controlled by Entergy Corporation, but over which it has significant influence, are accounted for using the equity method. Entergy's retained earnings include undistributed earnings of equity method investees of \$472.0 million in 2003 and \$304.1 million in 2002. Equity method investments are discussed in Note 13 to the consolidated financial statements.

## NOTE 9. COMMITMENTS AND CONTINGENCIES

Entergy is involved in a number of legal, tax, and regulatory proceedings before various courts, regulatory commissions, and governmental agencies in the ordinary course of its business. While management is unable to predict the outcome of such proceedings, management does not believe that the ultimate resolution of these matters will have a material adverse effect on Entergy's results of operations, cash flows, or financial condition.

## SALES WARRANTIES AND INDEMNITIES

In the Saltend sales transaction discussed further in Note 14 to the consolidated financial statements, Entergy or its subsidiaries made certain warranties to the purchasers relating primarily to the performance of certain remedial work on the facility and the assumption of responsibility for certain contingent liabilities. Entergy believes that it has provided adequately for the warranties as of December 31, 2003.

VIDALIA PURCHASED POWER AGREEMENT

Entergy Louisiana has an agreement extending through the year 2031 to purchase energy generated by a hydroelectric facility known as the Vidalia project. Entergy Louisiana made payments under the contract of approximately \$112.6 million in 2003, \$104.2 million in 2002, and \$86.0 million in 2001. If the maximum percentage (94%) of the energy is made available to Entergy Louisiana, current production projections would require estimated payments of approximately \$116.5 million in 2004, and a total of \$3.6 billion for the years 2005 through 2031. Entergy Louisiana currently recovers the costs of the purchased energy through its fuel adjustment clause. In an LPSC-approved settlement related to tax benefits from the tax treatment of the Vidalia contract, Entergy Louisiana agreed to credit rates by \$11 million each year for up to ten years, beginning in October 2002.

# NUCLEAR INSURANCE

# Third Party Liability Insurance

The Price-Anderson Act provides insurance for the public in the event of a nuclear power plant accident. The costs of this insurance are borne by the nuclear power industry. Originally passed by Congress in 1957 and most recently amended in 1988, the Price-Anderson Act requires nuclear power plants to show evidence of financial protection in the event of a nuclear accident. This protection must consist of two levels:

- 1. The primary level is private insurance underwritten by American Nuclear Insurers and provides liability insurance coverage of \$300 million. If this amount is not sufficient to cover claims arising from the accident, the second level, Secondary Financial Protection, applies. An industry-wide aggregate limitation of \$300 million exists for domestically-sponsored terrorist acts. There is no limitation for foreign-sponsored terrorist acts.
- 2. Within the Secondary Financial Protection level, each nuclear plant must pay a retrospective premium, equal to its proportionate share of the loss in excess of the primary level, up to a maximum of \$100.6 million per reactor per incident. This consists of a \$95.8 million maximum retrospective premium plus a five percent surcharge that may be applied, if needed, at a rate that is presently set at \$10 million per year per nuclear power reactor. There are no domestically- or foreignsponsored terrorism limitations.

Currently, 105 nuclear reactors are participating in the Secondary Financial Protection program - 103 operating reactors and two closed units that still store used nuclear fuel on site. The product of the maximum retrospective premium assessment to the nuclear power industry and the number of nuclear power reactors provides over \$10 billion in insurance coverage to compensate the public in the event of a nuclear power reactor accident.

Entergy owns and operates ten of the nuclear power reactors, and owns the shutdown Indian Point 1 reactor (10% of Grand Gulf 1 is owned by a non-affiliated company which would share on a pro-rata basis in any retrospective premium assessment under the Price-Anderson Act). An additional but temporary contingent liability exists for all nuclear power reactor owners because of a previous Nuclear Worker Tort (long-term bodily injury caused by exposure to nuclear radiation while employed at a nuclear power plant) insurance program that was in place from 1988 to 1998. The maximum premium assessment exposure to each reactor is \$3 million and will only be applied if such claims exceed the program's accumulated reserve funds. This contingent premium assessment feature will expire with the Nuclear Worker Tort program's expiration, which is scheduled for 2008.

## Property Insurance

Entergy's nuclear owner/licensee subsidiaries are members of certain mutual insurance companies that provide property damage coverage, including decontamination and premature decommissioning expense, to the members' nuclear generating plants. These programs are underwritten by Nuclear Electric Insurance Limited (NEIL). As of December 31, 2003, Entergy was insured against such losses per the following structures:

# U.S. UTILITY PLANTS (ANO 1 AND 2, GRAND GULF 1, RIVER BEND, AND WATERFORD 3)

- Primary Layer (per plant) \$500 million per occurrence
- Excess Layer (per plant) \$100 million per occurrence
- Blanket Layer (shared among all plants) \$1.0 billion per occurrence
- Total limit \$1.6 billion per occurrence
- Deductibles:
- \$1.0 million per occurrence Equipment
- breakdown/failure
- \$2.5 million per occurrence Other than equipment breakdown/failure

Note: ANO 1 and 2 share in the Primary Layer with one policy in common.

# NON-UTILITY NUCLEAR PLANTS (INDIAN POINT 2 AND 3, FITZPATRICK, PILGRIM, AND VERMONT YANKEE)

- Primary Layer (per plant) \$500 million per occurrence
- Blanket Layer (shared among all plants) \$615 million .
  per occurrence
- Total limit \$1.115 billion per occurrence
- Deductibles:
- \$1.0 million per occurrence Equipment breakdown/failure
- \$1.0 million per occurrence (all plants except Vermont Yankee which is \$500,000) - Other than equipment breakdown/failure

Note: Indian Point 2 and 3 share in the Primary Layer with one policy in common.

In addition, the Non-Utility Nuclear plants are also covered under NEIL's Accidental Outage Coverage program. This coverage provides certain fixed indemnities in the event of an unplanned outage that results from a covered NEIL property damage loss, subject to a deductible. The following summarizes this coverage as of December 31, 2003:

Indian Point 2 and 3, FitzPatrick, and Pilgrim (each plant has an individual policy with the noted parameters):

- \$4.5 million weekly indemnity
- \$490 million maximum indemnity
- Deductible: 12 week waiting period
- Vermont Yankee:
- \$4.0 million weekly indemnity
- \$435 million maximum indemnity
- Deductible: 12 week waiting period

Entergy's U.S. Utility nuclear plants have significantly less or no accidental outage coverage. Under the property damage and accidental outage insurance programs, Entergy nuclear plants could be subject to assessments should losses exceed the accumulated funds available from NEIL. As of December 31, 2003, the maximum amounts of such possible assessments per occurrence were \$77 million for the Non-Utility Nuclear plants and \$79.3 million for the U.S. Utility plants.

Entergy maintains property insurance for its nuclear units in excess of the Nuclear Regulatory Commission's (NRC) minimum requirement of \$1.06 billion per site for nuclear power plant licensees. NRC regulations provide that the proceeds of this insurance must be used, first, to render the reactor safe and stable, and second, to complete decontamination operations. Only after proceeds are dedicated for such use and regulatory approval is secured would any remaining proceeds be made available for the benefit of plant owners or their creditors.

In the event that one or more acts of domesticallysponsored terrorism causes property damage under one or more or all nuclear insurance policies issued by NEIL (including, but not limited to, those described above) within 12 months from the date the first property damage occurs, the maximum recovery under all such nuclear insurance policies shall be an aggregate of \$3.24 billion plus the additional amounts recovered for such losses from reinsurance, indemnity, and any other sources applicable to such losses. There is no aggregate limit involving one or more acts of foreign-sponsored terrorism.

# NUCLEAR DECOMMISSIONING COSTS

SFAS 143, "Accounting for Asset Retirement Obligations," which was implemented effective January 1, 2003, requires the recording of liabilities for all legal obligations associated with the retirement of long-lived assets that result from the normal operation of those assets. For Entergy, these asset retirement obligations consist of its liability for decommissioning its nuclear power plants.

These liabilities are recorded at their fair values (which is the present values of the estimated future cash outflows) in the period in which they are incurred, with an accompanying addition to the recorded cost of the long-lived asset. The asset retirement obligation is accreted each year through a charge to expense, to reflect the time value of money for this present value obligation. The amounts added to the carrying amounts of the long-lived assets will be depreciated over the useful lives of the assets. The net effect of implementing this standard for the rate-regulated business of the domestic utility companies and System Energy was recorded as a regulatory asset, with no resulting impact on Entergy's net income. Entergy recorded these regulatory assets because existing rate mechanisms in each jurisdiction are based on the principle that Entergy will recover all ultimate costs of decommissioning from customers.

Assets and liabilities increased approximately \$1.1 billion for the domestic utility companies and System Energy as a result of recording the asset retirement obligations at their fair values of \$1.1 billion as determined under SFAS 143, increasing utility plant by \$287 million, reducing accumulated depreciation by \$361 million and recording the related regulatory assets of \$422 million. The implementation of SFAS 143 for the portion of River Bend not subject to cost-based ratemaking decreased earnings by approximately \$21 million net-of-tax (\$0.09 per share) as a result of a onetime cumulative effect of accounting change. In accordance with ratemaking treatment and as required by SFAS 71, the depreciation provisions for the domestic utility companies and System Energy include a component for removal costs that are not asset retirement obligations under SFAS 143. In accordance with regulatory accounting principles, Entergy has recorded a regulatory asset for certain of its domestic utility companies and System Energy of approximately \$72.4 million as of December 31, 2003 and approximately \$79.6 million as of December 31, 2002 to reflect an estimate of incurred but uncollected removal costs previously recorded as a component of accumulated depreciation. The decommissioning and retirement cost liability for certain of the domestic utility companies and System Energy includes a regulatory liability of approximately \$26.8 million as of December 31, 2003 and approximately \$25.5 million as of December 31, 2002 representing an estimate of collected but not yet incurred removal costs. For the Non-Utility Nuclear business, the implementation of SFAS 143 resulted in a decrease in liabilities of approximately \$595 million due to reductions in decommissioning liabilities, a decrease in

assets of approximately \$340 million, including a decrease in electric plant in service of \$315 million, and an increase in earnings in the first quarter of 2003 of approximately \$155 million net-of-tax (\$0.67 per share) as a result of a one-time cumulative effect of accounting change.

The cumulative decommissioning liabilities and expenses recorded in 2003 by Entergy were as follows (in millions):

D	Liabilities as of ec. 31, 2002	SFAS 143 Adoption	Accretion	Spending_I	Liabilities as of Dec. 31, 2003
ANO 1 & ANO 2	\$ 310.7	\$ 221.0	\$ 35.8	\$ -	. \$ 567.5
River Bend	237.0	41.2	20.6		298.8
Waterford 3	125.3	179.4	20.6	-	325.3
Grand Gulf 1	153.5	137.2	21.8		312.5
Pilgrim	490.2	(292.6)	15.8	÷	213.4
Indian Point 1 & 2	456.9	(207.3)	19.9	11.8	257.7
Vermont Yankee	316.7	(95.1)	17.7	-	239.3
	\$2,090.3	\$ (16.2)	\$152.2	·; \$11.8 ·	\$2,214.5

In addition, an insignificant amount of removal costs associated with non-nuclear power plants are also included in the decommissioning line item on the balance sheet. Entergy periodically reviews and updates estimated decommissioning costs. The actual decommissioning costs may vary from the estimates because of regulatory requirements, changes in technology, and increased costs of labor, materials, and equipment.

If Entergy had applied SFAS 143 during prior periods, the following impacts would have resulted:

For the years ended December 31,	2002	2001
Asset retirement obligations		
actually recorded	\$2,090,269	\$1,679,738
Pro forma effect		
of SFAS 143	\$ (46,041)	\$ 28,512
Asset retirement obligations -		
pro forma	\$2,044,228	\$1,708,250
Earnings applicable to		· · . ·
common stock - as reported	\$ 599,360	\$_ 726,196
Pro forma effect		
of SFAS 143	\$ 14,119	\$ 9,613
Earnings applicable to	the second second second	
common stock - pro forma	\$ 613,479	\$ 735,809
Basic earnings per average		
common share - as reported	\$2.69	\$3.29
Pro forma effect		
of SFAS 143	\$0.06	\$0.04
Basic earnings per average		
common share - pro forma	\$2.75	\$3.33
Diluted earnings per average		· · · · ·
common share - as reported	\$2.64	\$3.23
Pro forma effect		
of SFAS 143	\$0.06	\$0.04
Diluted earnings per average		1
common share - pro forma	\$2.70	\$3.27

For the Indian Point 3 and FitzPatrick plants purchased in 2000, NYPA retained the decommissioning trusts and the decommissioning liability. NYPA and Entergy executed decommissioning agreements, which specify their decommissioning obligations. NYPA has the right to require Entergy to assume the decommissioning liability provided that it assigns the corresponding decommissioning trust, up to a specified level, to Entergy. If the decommissioning liability is retained by NYPA, Entergy will perform the decommissioning of the plants at a price equal to the lesser of a pre-specified level or the amount in the decommissioning trusts. Entergy believes that the amounts available to it under either scenario are sufficient to cover the future decommissioning costs without any additional contributions to the trusts.

Entergy maintains decommissioning trust funds that are committed to meeting the costs of decommissioning the nuclear power plants. The fair values of the decommissioning trust funds and asset retirement obligation-related regulatory assets of Entergy as of December 31, 2003 are as follows (in millions):

	Decommissioning	Regulatory	
<u></u>		Values	Assets
ANO 1 & ANO 2	\$	360.5	\$203.7
River Bend	· · · · · · · · · · · · · · · · · · ·	267.9	36.2
Waterford 3		152.0	132.3
Grand Gulf 1		172.9	92.7
Pilgrim		491.9	-
Indian Point 1 & 2	· · ·	485.9	
Vermont Yankee		347.4	- 1
	\$2	2,278.5	\$464.9

The Energy Policy Act of 1992 contains a provision that assesses domestic nuclear utilities with fees for the decontamination and decommissioning (D&D) of the DOE's past uranium enrichment operations. Annual assessments (in 2003 dollars), which will be adjusted annually for inflation, are for 15 years and were \$4.3 million for Entergy Arkansas, \$1.1 million for Entergy Gulf States, \$1.6 million for Entergy Louisiana, and \$1.8 million for System Energy in 2003. The Energy Policy Act calls for cessation of annual D&D assessments not later than October 24, 2007. At December 31, 2003, three years of assessments were remaining. D&D fees are included in other current liabilities and other non-current liabilities and, as of December 31, 2003, recorded liabilities were \$12.8 million for Entergy Arkansas, \$3.0 million for Entergy Gulf States, \$4.9 million for Entergy Louisiana, and \$4.8 million for System Energy. Regulatory assets in the financial statements offset these liabilities, with the exception of Entergy Gulf States' 30% non-regulated portion. These assessments are recovered through rates in the same manner as fuel costs.

## **EMPLOYMENT LITIGATION**

Entergy Corporation and certain subsidiaries are defendants in numerous lawsuits filed by former employees asserting that they were wrongfully terminated and/or discriminated against on the basis of age, race, and/or sex. Entergy Corporation and these subsidiaries are vigorously defending these suits and deny any liability to the plaintiffs. Nevertheless, no assurance can be given as to the outcome of these cases.

#### NOTE 10. LEASES

## GENERAL

As of December 31, 2003, Entergy had non-cancelable operating leases for equipment, buildings, vehicles, and fuel storage facilities (excluding nuclear fuel leases and the Grand Gulf 1 and Waterford 3 sale and leaseback transactions) with minimum lease payments as follows (in thousands):

	Operating Leases	Capital Leases
2004	\$ 98,664	\$18,695
2005	89,497	9,660
2006	69,957	5,724
2007	52,528	3,439
2008	40,445	1,753
Years thereafter	245,159	2,844
Minimum lease payments	\$596,250	\$42,115
Less: Amount representing interest		9,149
Present value of net		
minimum lease payments	\$596,250	\$32,966

Total rental expenses for all leases (excluding nuclear fuel leases and the Grand Gulf 1 and Waterford 3 sale and leaseback transactions) amounted to \$58.9 million in 2003, \$60.1 million in 2002, and \$65.1 million in 2001.

## NUCLEAR FUEL LEASES

As of December 31, 2003, arrangements to lease nuclear fuel existed in an aggregate amount up to \$150 million for Entergy Arkansas, \$80 million for each of System Energy and Entergy Louisiana, and \$105 million for Entergy Gulf States. As of December 31, 2003, the unrecovered cost base of nuclear fuel leases amounted to approximately \$102.7 million for Entergy Arkansas, \$63.7 million for Entergy Gulf States, \$65.0 million for Entergy Louisiana, and \$47.2 million for System Energy. The lessors finance the acquisition and ownership of nuclear fuel through loans made under revolving credit agreements, the issuance of commercial paper, and the issuance of intermediate-term notes. The credit agreements for Entergy Arkansas, Entergy Gulf States, Entergy Louisiana, and System Energy each have a termination date of October 30, 2006. The termination dates may be extended from time to time with the consent of the lenders. The intermediate-term notes issued pursuant to these fuel lease arrangements have varying maturities through December 15, 2008. It is expected that additional financing under the leases will be arranged as needed to acquire additional fuel, to pay interest, and to pay maturing debt. However, if such additional financing cannot be arranged, the lessee in each case must repurchase sufficient nuclear fuel to allow the lessor to meet its obligations in accordance with the Fuel Lease.

Lease payments are based on nuclear fuel use. The total nuclear fuel lease payments (principal and interest) as well as the separate interest component charged to operations by the domestic utility companies and System Energy were \$142.0 million (including interest of \$11.8 million) in 2003, \$137.8 million (including interest of \$11.3 million) in 2002, and \$149.3 million (including interest of \$17.2 million) in 2001.

## SALE AND LEASEBACK TRANSACTIONS .

In 1988 and 1989, System Energy and Entergy Louisiana, respectively, sold and leased back portions of their ownership interests in Grand Gulf 1 and Waterford 3 for 26 1/2year and 28-year lease terms, respectively. Both companies have options to terminate the leases, to repurchase the sold interests, or to renew the leases at the end of their terms.

Under System Energy's sale and leaseback arrangements, letters of credit are required to be maintained to secure certain amounts payable for the benefit of the equity investors by System Energy under the leases. The current letters of credit are effective until March 20, 2003.

Entergy Louisiana did not exercise its option to repurchase the undivided interests in Waterford 3 in September 1994. As a result, Entergy Louisiana was required to provide collateral for the equity portion of certain amounts payable by Entergy Louisiana under the leases. Such collateral was in the form of a new series of non-interest bearing first mortgage bonds in the aggregate principal amount of \$208.2 million issued by Entergy Louisiana in September 1994.

In July 1997, Entergy Louisiana caused the Waterford 3 lessors to issue \$307.6 aggregate principal amount of Waterford 3 Secured Lease Obligation Bonds, 8.09% Series due 2017, to refinance the outstanding bonds originally issued to finance the purchase of the undivided interests by the lessors. The lease payments have been reduced to reflect the lower interest costs.

As of December 31, 2003, System Energy and Entergy Louisiana had future minimum lease payments, recorded as long-term debt (reflecting an overall implicit rate of 7.02% and 7.45%, respectively) as follows (in thousands):

		Entergy Louisiana	System Energy
2004		\$ 31,739	\$ 36,133
2005		14,554	52,253
2006		18,262	52,253
2007		18,754	52,253
2008		22,606	52,253
Years thereafter		366,514	365,176
Total		\$472,429	\$610,321
Less: Amount re	presenting interest	209,895	206,853
Present value of	net	1. 1. <u>1</u>	
minimum lease	payments	\$262,534	\$403,468

# NOTE 11. RETIREMENT, OTHER POSTRETIREMENT BENEFITS, AND DEFINED CONTRIBUTION PLANS PENSION PLANS

Entergy has seven pension plans covering substantially all of its employees: "Entergy Corporation Retirement Plan for Non-Bargaining Employees," "Entergy Corporation Retirement Plan for Bargaining Employees," "Entergy Corporation Retirement Plan II for Non-Bargaining Employees," "Entergy Corporation Retirement Plan II for Bargaining Employees," "Entergy Corporation Retirement Plan III," "Entergy Corporation Retirement Plan IV for Non-Bargaining Employees," and "Entergy Corporation Retirement Plan IV for Bargaining Employees." Except for the Entergy Corporation Retirement Plan III, the pension plans are noncontributory and provide pension benefits that are based on employees' credited service and compensation during the final years before retirement. The Entergy Corporation Retirement Plan III includes a mandatory employee contribution of 3% of earnings during the first 10 years of plan participation, and allows voluntary contributions from 1% to 10% of earnings for a limited group of employees. Entergy Corporation and its subsidiaries fund pension costs in accordance with contribution guidelines established by the Employee Retirement Income Security Act of 1974, as amended, and the Internal Revenue Code of 1986, as amended. The assets of the plans include common and preferred stocks, fixed-income securities, interest in a money market fund, and insurance contracts. As of December 31, 2003 and December 31, 2002, Entergy recognized an additional minimum pension liability for the excess of the accumulated benefit obligation over the fair market value of plan assets. In accordance with FASB 87, an offsetting intangible asset, up to the amount of any unrecognized prior service cost, was also recorded, with the remaining offset to the liability recorded as a regulatory asset reflective of the recovery mechanism for pension costs in Entergy's jurisdictions. Entergy's domestic utility companies' and System Energy's pension costs are recovered from customers as a component of cost of service in each of its jurisdictions. Entergy uses a December 31 measurement date for its pension plans.

# COMPONENTS OF NET PENSION COST

Total 2003, 2002, and 2001, pension costs of Entergy Corporation and its subsidiaries, including amounts capitalized, included the following components (in thousands):

		• • •	
	2003	2002	2001
Service cost - benefits		-	
earned during the period	\$ 70,337	\$ 56,947	\$ 49,166
Interest cost on projected	·		
benefit obligation	134,403	128,387	118,448
Expected return on assets	(155,460)	(158,202)	(157,889)
Amortization of transition asset	(763)	(763)	(7,142)
Amortization of prior service cos	st 5,886	5,993	5,735
Recognized net (gain)/loss	6,399	5,504	(6,573)
Curtailment loss	14,864		-) <b>-</b> )
Special termination benefits	32,006	· -	
Net pension costs	\$ 107,672	\$ 37,866	\$ 1,745

# PENSION OBLIGATIONS, PLAN ASSETS, FUNDED STATUS, AMOUNTS NOT YET RECOGNIZED AND RECOGNIZED IN THE BALANCE SHEET AS OF DECEMBER 31, 2003 AND 2002 (IN THOUSANDS):

	0000	
Change in Designated Description	2003	2002
Change in Projected Benefit		· · ·
Obligation (PBO)		
Balance at beginning of year	\$1,992,207	\$1,720,492
Service cost	70,337	56,947
Interest cost	134,403	128,387
Amendments	227	· · · -
Curtailments	10,951	-
Special termination benefits	32,006	-
Actuarial loss	207,008	144,531
Benefits paid	(97,574)	(91,548)
Acquisition of subsidiary		33,398
Balance at end of year	\$2,349,565	\$1,992,207
Change in Plan Assets	. •	•
Fair value of assets at	'	
beginning of year	\$1,451,802	\$1,686,836
Actual return on plan assets	355,043	(191,136)
Employer contributions	. 34,645	12,857
Employee contributions	1,059	1,125
Acquisition of subsidiary	· · · · · · · · · · · · · · · · · · ·	33,668
Benefits paid	(97,574)	(91,548)
Fair value of assets		
at end of year	\$1,744,975	\$1,451,802
Funded status	\$ (604,590)	\$ (540,405)
Amounts not yet recognized		
in the balance sheet:	•	
Unrecognized transition asset	(1,426)	(2,189)
Unrecognized prior service cost	30,467	37,351
Unrecognized net (gain)/loss	410,321	413,043
Accrued pension cost recognized		• •
in the balance sheet	\$ (165,228)	\$ (92,200)
Amounts recognized in	× .	e da e e e e e e e e e e e e e e e e e e
the balance sheet:	1	
Accrued pension cost	\$ (165,228)	\$ (92,200)
Additional minimum		i t
pension liability	(180,212)	(208,151)
Intangible asset	30,832	33,346
Accumulated other		
comprehensive income	15,359	17,016
Regulatory asset	134,021	157,789
Net amount recognized	\$ (165,228)	\$ (92,200)

#### **Other Postretirement Benefits**

Entergy also provides health care and life insurance benefits for retired employees. Substantially all domestic employees may become eligible for these benefits if they reach retirement age while still working for Entergy. Entergy uses a December 31 measurement date for its postretirement benefit plans.

Effective January 1, 1993, Entergy adopted SFAS 106, which required a change from a cash method to an accrual method of accounting for postretirement benefits other than pensions. At January 1, 1993, the actuarially determined accumulated postretirement benefit obligation (APBO) earned by retirees and active employees was estimated to be approximately \$241.4 million for Entergy (other than Entergy Gulf States) and \$128 million for Entergy Gulf States. Such obligations are being amortized over a 20-year period that began in 1993. For the most part, the domestic utilities and System Energy recover SFAS 106 costs from customers and are required to fund postretirement benefits collected in rates to an external trust.

# COMPONENTS OF NET POSTRETIREMENT BENEFIT COST

Total 2003, 2002, and 2001 other postretirement benefit costs of Entergy Corporation and its subsidiaries, including amounts capitalized and deferred, included the following components (in thousands):

	2003	2002	2001
Service cost - benefits earned	• . • .		• •
during the period	\$ 37,799	\$ 29,199	\$ 24,225
Interest cost on APBO	52,746	44,819	· 38,811
Expected return on assets	(15,810)	(14,066)	(12,578)
Amortization of			
transition obligation	15,193	17,874	17,874
Amortization of	· · · .		
prior service cost	(925)	992	992
Recognized net (gain)/loss	12,369	1,874	(1,506)
Curtailment loss	57,958	<b>_</b>	În ji 🕂
Special termination benefits	5,444	<u> </u>	
Net postretirement benefit cost	\$164,774	\$ 80,692	\$ 67,818

OTHER POSTRETIREMENT BENEFIT OBLIGATIONS, PLAN ASSETS, FUNDED STATUS, AND AMOUNTS NOT YET RECOGNIZED AND RECOGNIZED IN THE BALANCE SHEET AS OF DECEMBER 31, 2003 AND 2002 (IN THOUSANDS):

	2003	2002
Change in APBO		
Balance at beginning of year	\$ 799,506	\$ 590,731
Service cost	37,799	29,199
Interest cost	52,746	44,819
Actuarial loss	115,966	159,143
Benefits paid	(48,379)	(35,861)
Plan amendments <sup>(a)</sup>	(84,722)	· -
Plan participant contributions	7,074	
Curtailment	56,369	j <b>-</b>
Special termination benefits	5,444	2 i -
Acquisition of subsidiary	_	11,475
Balance at end of year	\$ 941,803	\$ 799,506
Change in Plan Assets		
Fair value of assets at	, <sup>a</sup> n e s	
beginning of year	\$ 182,692	\$ 158,190
Actual return on plan assets	22,794	(11,559)
Employer contributions	63,265	59,542
Plan participant contributions	7,074	·
Benefits paid	(48,379)	(35,861)
Acquisition of subsidiary	-	12,380
Fair value of assets		
at end of year	\$ 227,446	\$ 182,692
Funded status	\$(714,357)	\$(616,814)
Amounts not yet recognized		
in the balance sheet:	•	
Unrecognized transition obligation	44,815	114,724
Unrecognized prior service cost	(20,746)	3,522
Unrecognized net loss	336,005	245,795
Accrued other postretirement benefit		
cost recognized in the balance sheet	\$(354,283)	\$(252,773)

(a) Reflects plan design changes, including a change in the participation assumption fo non-bargaining employees effective August 1, 2003.

# PENSION AND OTHER POSTRETIREMENT PLANS' ASSETS

Entergy's pension and postretirement plans weightedaverage asset allocations by asset category at December 31, 2003 and 2002 are as follows:

	Pens	sion	Postretirement	
	2003	· 2002	2003	2002
Domestic Equity Securities	56%	50%	37%	34%
International Equity Securities	14%	10%	-	.1%
Fixed Income Securities	. 28%	37%	60%	64%
Other	2%	3%	3%	. 1%

Entergy's trust asset investment strategy is to invest the assets in a manner whereby long-term earnings on the assets (plus cash contributions) provide adequate funding for retiree benefit payments. Adequate funding is described as a 90% confidence that assets equal or exceed liabilities due five years in the future, and a corresponding 75% confidence level ten years out. The mix of assets is based on an optimization study that identifies asset allocation targets in order to achieve the maximum return for an acceptable level of risk while minimizing the expected contributions and pension and postretirement expense.

To perform such an optimization study, Entergy first makes assumptions about certain market characteristics, such as expected asset class investment returns, volatility (risk) and correlation coefficients among the various asset classes. Entergy does so by examining (or hiring a consultant to provide such analysis) historical market characteristics of the various asset classes over all of the different economic conditions that have existed. Entergy then examines and projects the economic conditions expected to prevail over the study period. Finally, the historical characteristics to reflect the expected future conditions are adjusted to produce the market characteristics that will be assumed in the study.

The optimization analysis utilized in Entergy's latest study produced the following approved asset class target allocations.

	Pension	Postretirement
Domestic Equity Securities	54%	37%
International Equity Securities	12%	8%
Fixed Income Securities	30%	55%
Other (Cash and GACs)	4%	

These allocation percentages combined with each asset class' expected investment return produced an aggregate return expectation of 9.59% for pension assets, 5.45% for taxable postretirement assets, and 7.19% for non-taxable postretirement assets. These returns are consistent with Entergy's disclosed expected return on assets of 8.75% (nontaxable assets) and 5.5% (taxable assets).

Since precise allocation targets are inefficient to manage security investments, the following ranges were established to produce an acceptable economically efficient plan to manage to targets:

	Pension	Postretirement
Domestic Equity Securities	49% to 59%	32% to 42%
International Equity Securities	7% to 17%	3% to 12%
Fixed Income Securities	25% to 35% ,	50% to 60%
Other	0% to 10%	0% to 5%

ACCUMULATED PENSION BENEFIT OBLIGATION The accumulated benefit obligation for Entergy's pension plans was \$2.1 billion and \$1.7 billion at December 31, 2003 and 2002, respectively.



# ESTIMATED FUTURE BENEFIT PAYMENTS

Based upon the assumptions used to measure the company's pension and postretirement benefit obligation at December 31, 2003, and including pension and postretirement benefits attributable to estimated future employee service, Entergy expects that pension benefits to be paid over the next ten years is as follows (in thousands):

	in the second	Estimated Future Benefits Paymer	
· ·		Pension	Postretirement
2004	· · · · · · · · ·	\$ 96,764	\$ 53,666
2005		\$ 98,378	\$ 57,271
2006		\$100,411	\$ 58,389
2007		\$103,225	\$ 61,171
2008		\$107,120	\$ 63,393
2009-2013	•	\$631,594	\$358,648

#### CONTRIBUTIONS

Entergy expects to contribute \$110 million (which includes about \$1 million in employee contributions) to its pension plans and \$68.6 million to other postretirement plans in 2004.

## Additional Information

The change in the minimum pension liability included in other comprehensive income and regulatory assets was as follows for 2003 and 2002 (in thousands):

	2003	2002 -
Increase/(decrease) in the minimum		· · · · · · · · · · · · · · · · · · ·
pension liability included in:	· · · · · · · · · · · ·	, . , .
Other comprehensive income	\$ (1,639)	\$ 17,016
Regulatory assets	\$(23,768)	\$157,789

## **ACTUARIAL ASSUMPTIONS**

The assumed health care cost trend rate used in measuring the APBO of Entergy was 10% for 2004, gradually decreasing each successive year until it reaches 4.5% in 2010 and beyond. The assumed health care cost trend rate used in measuring the Net Other Postretirement Benefit Cost of Entergy was 10% for 2004, gradually decreasing each successive year until it reaches 4.5% in 2009 and beyond. A one percentage point increase in the assumed health care cost trend rate for 2003 would have increased the APBO and the sum of the service cost and interest cost of Entergy as of December 31, 2003 as follows (in thousands):

	1 Percenta	re Point Increase	1 Percentar	re Point Decrease
	1100000	Increase		Decrease
• . •	•	in the sum of		in the sum of
	Increase in	service cost and	Decrease in	service cost and
2003	the APBO	interest cost	the APBO	interest cost
Entergy		g to the state of g		-
Corporation	\$108,822	\$14,619	\$(90,274)	\$(11,362)

The significant actuarial assumptions used in determining the pension PBO and the SFAS 106 APBO for 2003, 2002, and 2001 were as follows:

•		
2003	2002	2001
• .		
6.25%	6.75%	7.50%
6.71%	6.75%	7.50%
		·
3.25%	3.25%	4.60%
· ·		
5.50%	5.50%	5.50%
. 8.75%	8.75%	9.00%
	6.25% 6.71% 3.25% 5.50%	6.25%    6.75%      6.71%    6.75%      3.25%    3.25%      5.50%    5.50%

The significant actuarial assumptions used in determining the net periodic pension and other postretirement benefit costs for 2003, 2002, and 2001 were as follows:

• . •			-	
•	*	2003	2002	2001
Weight	ed-average discount rate	6.75%	7.50%	7.50%
Weight	ed-average rate of increase	э.		
in fut	ure compensation levels	3.25%	4.60%	4.60%
Expecte	ed long-term rate of		· · ·	
return	n on plan assets:	·	•••	
Taxab	le assets	5.50%	5.50%	5.50%
Non-ta	axable assets	8.75%	9.00%	9.00%

Entergy's remaining pension transition assets are being amortized over the greater of the remaining service period of active participants or 15 years, and its SFAS 106 transition obligations are being amortized over 20 years.

#### VOLUNTARY SEVERANCE PROGRAM

During 2003, Entergy offered a voluntary severance program to certain groups of employees. As a result of this program, Entergy recorded additional pension and postretirement costs (including amounts capitalized) of \$110.3 million for special termination benefits and plan curtailment charges. These amounts are included in the net pension cost and net postretirement benefit cost for the year ended December 31, 2003.

# MEDICARE PRESCRIPTION DRUG, IMPROVEMENT AND MODERNIZATION ACT OF 2003

In December 2003, the President signed the Medicare Prescription Drug, Improvement and Modernization Act of 2003 into law. The Act introduces a prescription drug benefit under Medicare (Part D) as well as federal subsidy to employers who provide a retiree prescription drug benefit that is at least actuarially equivalent to Medicare Part D. Currently, specific authoritative guidance on the accounting for the federal subsidy is pending. As allowed by FASB Staff Position No. FAS 106-1, Entergy has elected to record an estimate of the effects of the Act in accounting for its postretirement benefit plans under SFAS 106 and in providing disclosures required by SFAS No. 132 (revised 2003), Employers' Disclosures about Pensions and Other Postretirement Benefits.

Based on actuarial analysis of prescription drug benefits, estimated future Medicare subsidies are expected to reduce the December 31, 2003 Accumulated Postretirement Benefit Obligation by \$56 million. For the year ended December 31, 2003 the impact of the Act on Net Postretirement Cost was immaterial, as it reflected only one month's impact of the Act. When specific guidance on accounting for federal subsidy is issued, these estimates could change.

#### DEFINED CONTRIBUTION PLAN

Entergy sponsors the Savings Plan of Entergy Corporation and Subsidiaries (Savings Plan). The Savings Plan is a defined contribution plan covering eligible employees of Entergy and its subsidiaries. Through January 31, 2004, the Savings Plan provided that the employing Entergy subsidiary:

- make matching contributions to the Savings Plan in an amount equal to 75% of the participants' basic contributions, up to 6% of their eligible earnings, in shares of Entergy Corporation common stock if the employees direct their company-matching contribution to the purchase of Entergy Corporation's common stock; or
- make matching contributions in the amount of 50% of the participants' basic contributions, up to 6% of their eligible earnings, if the employees direct their companymatching contribution to other investment funds.

Effective February 1, 2004, the employing Entergy subsidiary will make matching contributions to the Savings Plan in an amount equal to 70% of the participants' basic contributions, up to 6% of their eligible earnings. The 70% match will be allocated to investments as directed by the employee.

Entergy also sponsors the Savings Plan of Entergy Corporation and Subsidiaries II (began in 2001), the Savings Plan of Entergy Corporation and Subsidiaries III (began in 2002), and the Savings Plan of Entergy Corporation and Subsidiaries V (began in 2002). The plans are defined contribution plans that cover eligible employees, as defined by each plan, of Entergy and its subsidiaries. The employing Entergy subsidiary makes matching contributions equal to 50% of the participants' participating contributions for each of these plans.

Entergy's subsidiaries' contributions to the plans collectively were \$31.5 million in 2003, \$29.6 million in 2002, and \$25.4 million in 2001 to these defined contribution plans. The majority of the contributions were to the Savings Plan.

## NOTE 12. BUSINESS SEGMENT INFORMATION

Entergy's reportable segments as of December 31, 2003 are U.S. Utility, Non-Utility Nuclear, and Energy Commodity Services. U.S. Utility generates, transmits, distributes, and sells electric power in portions of Arkansas, Louisiana, Mississippi, and Texas, and provides natural gas utility service in portions of Louisiana. Non-Utility Nuclear owns and operates five nuclear power plants and is primarily focused on selling electric power produced by those plants to wholesale customers. Energy Commodity Services is focused primarily on providing energy commodity trading and gas transportation and storage services through Entergy-Koch, LP. Energy Commodity Services also includes non-nuclear wholesale assets, a participant in the wholesale power generation business in North America and Europe. Results from Entergy-Koch are reported as equity in earnings of unconsolidated equity affiliates in the financial statements. Entergy's operating segments are strategic business units managed separately due to their different operating and regulatory environments. Entergy's chief operating decision maker is its Office of the Chief Executive, which consists of its highest-ranking officers.

"All Other" includes the parent company, Entergy Corporation, and other business activity, including earnings on the proceeds of sales of previously owned businesses.

Entergy's segme			

			Energy	• • • •		
· · · · ·		Non-Utility	Commodity			
	U.S. Utility	Nuclear*	Services*	All Other*	Eliminations	Consolidated
2003			• • •		· · ·	
Operating Revenues	\$ 7,584,857	\$1,274,983	\$ 184,888	\$ 188,228	\$ (38,036)	\$ 9,194,920
Deprec., amort. & decomm.	890,092	87,825	13,681	5,005	_	996,603
nterest income	43,035	36,874	18,128	27,575	(38,226)	87,38
Quity in earnings (loss) of		• • •	· · ·	· ·	· · · ·	1947 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 -
unconsolidated equity affiliates	(3)		271,650	-	-	271,64
nterest charges	419,111	34,460	15,193	75,787	(38,225)	506,32
ncome taxes (credits)	341,044	88,619	105,903	(45,492)		490,07
umulative effect of accounting change	(21,333)	154,512	3,895		-	137,07
let income (loss)	492,574	300,799	180,454	(23,360)		950,46
otal assets	22,429,136	4,171,777	2,076,921	1,495,903	(1,619,527)	28,554,21
nvestments in affiliates - at equity	211		1,081,462	- 1 - 1 1	(28,345)	1,053,32
ash paid for long-lived asset additions	1,233,208	281,377	44,284	10,074	_	1,568,94
			·			
002		· · ·				
perating Revenues	\$ 6,773,509	\$1,200,238	\$ 294,670	\$ 40,729	\$ (4,111)	\$ 8,305,03
eprec., amort. & decomm.	800,257	88,733	21,465	5,143	-	915,59
nterest income	23,231	71,262	26,140	35,433	(37,741)	118,32
quity in earnings of	•				· · · · · · ·	est set
unconsolidated equity affiliates	. (2)	· –	183,880	-	· · · · · · · · · · · · · · · · · · ·	183,87
nterest charges	465,703	47,291	61,632	35,579	(37,741)	572,46
ncome taxes (credits)	313,752	132,726	(141,288)	(11,252)	-	293,93
let income (loss)	606,963	200,505	(145,830)	(38,566)	· · · · - ·	623,07
otal assets	21,630,523	4,482,308	2,167,472	1,327,354	(2,103,291)	27,504,36
vestments in affiliates - at equity	214	рана — <u>—</u> "	823,995	<del>-</del>	-	824,20
ash paid for long-lived asset additions	1,131,734	169,756	210,297	18,514		1,530,30
001	· · ·			.,		
perating Revenues	\$ 7,432,920	\$ 789,244	\$1,370,485	\$ 34,603	\$ (6,353)	\$ 9,620,89
eprec., amort. & decomm.	667,333	43,103	34,667	4,516	-	749,61
nterest income	79,702	54,053	23,169	37,235	(34,354)	159,80
quity in earnings of						
unconsolidated equity affiliates	<b>-</b> ·	_	162,882	· · · · -	_	162,88
iterest charges	576,705	55,717	74,953	41,558	(34,353)	714,58
ncome taxes	300,284	80,053	74,493	863	(01,000)	455,69
umulative effect of accounting change		-	23,482	-	· · · · · · · · · · · · ·	23,48
et income (loss)	574,554	127,880	105,939	(57,866)	n fan se <u>F</u>	750,50
otal assets	20,309,695	3,449,156	2,377,733	863,906	(1,090,179)	25,910,31
nvestments in affiliates - at equity	20,305,855	0,110,100	765,889		(1,000,178)	23,910,31 766,10
	· ·	194 890		500.000	- <b>-</b> -	
Cash paid for long-lived asset additions Businesses marked with * are referred to as the "comp	1,110,484	126,880	199,387	599,886	-	2,036,63

Energy Commodity Services' net loss for the year ended December 31, 2002 includes net charges of \$428.5 million to operating expenses (\$238.3 million net of tax). These charges reflect the effect of Entergy's decision to discontinue additional greenfield power plant development and the asset impairments resulting from the deteriorating economics of wholesale power markets in the United States and the United Kingdom. The net charges consist of the following:

- The power development business obtained contracts in October 1999 to acquire 36 turbines from General Electric. Entergy's rights and obligations under the contracts for 22 of the turbines were sold to an independent special-purpose entity in May 2001. \$178.0 million of the charges, including an offsetting benefit of \$28.5 million -(\$18.5 million net of tax) related to the sale of four turbines to a third party, is a provision for the net costs resulting from cancellation or sale of the turbines subject to purchase commitments with the special-purpose entity. \$204.4 million of the charges result from the write-off of Entergy Power Development Corporation's equity investment in the Damhead Creek project and the impairment of the values of the Warren Power power plant, the Crete project, and the RS Cogen project. This portion of the charges reflects Entergy's estimate of the effects of reduced spark spreads in the United States and the United Kingdom. These estimates are based on various sources of information, including discounted cash flow projections and current market prices.
- \$39.1 million of the charges relate to the restructuring of the non-nuclear wholesale assets business, including impairments of administrative fixed assets, estimated sublease losses, and employee-related costs for approximately 135 affected employees. These restructuring costs are included in the "Provision for turbine commitments, asset impairments, and restructuring charges" in the accompanying consolidated statement of income were comprised of the following (in millions):

Res	tructuring	Paid in	Non-Cash	Remaining
<u> </u>	Costs	Cash	Portion	Accrual
Fixed asset impairments	\$22.5	\$	\$22.5	\$ -
Sublease losses	10.7	5.6	<b>-</b>	5.1
Severance and related costs	5.9	5.9	-	-
Total	\$39.1	\$11.5	\$22.5	' \$5.1

- \$32.7 million of the charges result from the write-off of capitalized project development costs for projects that will not be completed.
- The net charges include a gain of \$25.7 million (\$15.9 million net of tax) on the sale of projects under development in Spain in August 2002 and the after-tax gain of \$31.4 million realized on the sale of Damhead Creek in December 2002.

# **GEOGRAPHIC AREAS**

The following table shows Entergy's domestic and foreign operating revenues for the years ended December 31 (in thousands):

	2003	2002	2001
Domestic	\$9,122,827	\$8,051,992	\$9,098,861
Foreign	72,093	253,043	522,038
Consolidated	\$9,194,920	\$8,305,035	\$9,620,899
Long-lived assets a (in thousands):	s of Decembe	r 31 were	as follows
	2003	2002	2001
Domestic	\$18,296,934	\$17,664,230	\$16,468,059
Foreign	1,863	773	421,870
Consolidated	\$18,298,797	\$17,665,003	\$16.889.929

NOTE 13. EQUITY METHOD INVESTMENTS As of December 31, 2003, Entergy owns material investments in the following companies that it accounts for under the equity method of accounting:

Company	Ownership	Description
Entergy-Koch, LP	50% partnership	Engaged in two major
· · · · · ·	interest	businesses: energy
· · · · ·		commodity trading, which
	· ·	includes power, gas, weather
		derivatives, emissions, and
	· · · · ·	cross-commodities, and gas
		transportation and storage
RS Cogen LLC	50% member	Co-generation project that
	interest	produces power and steam
		on an industrial and
	1. 1. S. S.	merchant basis in the Lake
	· · ·	Charles, Louisiana area
EntergyShaw LLC	50% member	Provides management,
	interest	engineering, procurement,
.: ·		construction, and commis-
		sioning services for
· · · · · · · · · · · · · · · · · · ·		electric power plants
Crete Energy	50% member	Own a merchant power
Ventures, LLC	interest	plant located in Crete,
Crete Turbine		Illinois
Holding, LLC		

Entergy sold its interest in the Crete project in January 2004 and realized an insignificant gain on the sale.

Following is a reconciliation of Entergy's investments in equity affiliates (in thousands):

	• .	
2003	2002	2001
824,209	\$ 766,103	\$136,487
4,668	36,372	471,102
271,647	183,878	162,882
45,583	21,462	18,074
(105,142)	(73,902)	(21,191)
<sup>-</sup>	• • •	138
12,363	(109,704)	(1,389)
1,053,328	\$ 824,209	\$766,103
	4,668 271,647 45,583 (105,142)	4,668      36,372        271,647      183,878        45,583      21,462        (105,142)      (73,902)        -      -        3      12,363      (109,704)

In accordance with the partnership agreement, Entergy contributed \$72.7 million to Entergy-Koch in January 2004. The following is a summary of combined financial

information reported by Entergy's equity method investees (in thousands):

	2003	2002	2001
Income Statement Items		•	
<b>Operating revenues</b>	\$ 585,404	\$ 551,853	\$693,400
Operating income	\$ 207,301	\$ 159,342	\$309,752
Net income	\$ 172,595	\$ 68,095	\$226,039
Balance Sheet Items		· . ·	•
Current assets	\$2,576,630	\$2,334,133	
Noncurrent assets	\$1,675,334	\$1,490,355	
<b>Current</b> liabilities	\$1,757,663	\$1,782,385	
Noncurrent liabilities	\$1,166,540	\$ 729,817	
· · · ·			

Two of the unconsolidated 50/50 joint ventures, Entergy-Koch and RS Cogen, have obtained debt financing for their operations. As of December 31, 2003, the debt financing outstanding for those two entities totals \$773.8 million, which is included in the liability figures given above. This debt is nonrecourse to Entergy.

RELATED-PARTY TRANSACTIONS AND GUARANTEES

During 2003, 2002, and 2001, Entergy procured various services from Entergy-Koch consisting primarily of pipeline transportation services for natural gas and risk management services for electricity and natural gas. The total cost of such services in 2003, 2002, and 2001 was approximately \$15.9 million, \$11.2 million, and \$7.8 million, respectively. In 2003, Entergy Louisiana and Entergy New Orleans entered purchase power agreements with RS Cogen, and purchased a total of \$26.0 million of capacity and energy from RS Cogen in 2003. Entergy's operating transactions with its other equity method investees were not material in 2003, 2002, or 2001.

EntergyShaw constructed the Harrison County project for Entergy that was completed in 2003. Entergy guaranteed EntergyShaw's obligation to construct the plant until approximately June 2004. Entergy's maximum liability on the guarantee is \$232.5 million.

RS Cogen has an interest rate swap agreement that hedges the interest rate on a portion of its debt. Entergy guaranteed RS Cogen's obligations under the interest rate swap agreement. The guarantee is in the amount of \$16.5 million and terminates in October 2017.

# NOTE 14. ACQUISITIONS AND DISPOSITIONS Asset Acquisitions

Vermont Yankee

In July 2002, Entergy's Non-Utility Nuclear business purchased the 510 MW Vermont Yankee nuclear power plant located in Vernon, Vermont, from Vermont Yankee Nuclear Power Corporation for \$180 million. Entergy received the plant, nuclear fuel, inventories, and related real estate. The liability to decommission the plant, as well as related decommissioning trust funds of approximately \$310 million, was also transferred to Entergy. The acquisition included a 10-year power purchase agreement (PPA) under which the former owners will buy the power produced by the plant, which is through the expiration of the current operating license for the plant. The PPA includes an adjustment clause which provides that the prices specified in the PPA will be adjusted downward annually, beginning in 2006, if power market prices drop below the PPA prices.

The acquisition was accounted for using the purchase method. The results of operations of Vermont Yankee subsequent to the purchase date have been included in Entergy's consolidated results of operations. The purchase price has been allocated to the assets acquired and liabilities assumed based on their estimated fair values on the purchase date.

## Indian Point 2

In September 2001, Entergy's Non-Utility Nuclear business acquired the 970 MW Indian Point 2 nuclear power plant located in Westchester County, New York from Consolidated Edison. Entergy paid approximately \$600 million in cash at the closing of the purchase and received the plant, nuclear fuel, materials and supplies, a PPA, and assumed certain liabilities. On the second anniversary of the Indian Point 2 acquisition, Entergy's nuclear business will also begin to pay NYPA \$10 million per year for up to 10 years in accordance with the Indian Point 3 purchase agreement. Under the PPA, Consolidated Edison will purchase 100% of Indian Point 2's output through 2004. Consolidated Edison transferred a \$430 million decommissioning trust fund, along with the liability to decommission Indian Point 2 and Indian Point 1, to Entergy. Entergy acquired Indian Point 1 in the transaction, a plant that has been shut down and in safe storage since the 1970s.

The acquisition was accounted for using the purchase method. The results of operations of Indian Point 2 subsequent to the purchase date have been included in Entergy's consolidated results of operations. The purchase price has been allocated to the acquired assets, including identifiable intangible assets, and liabilities assumed based on their estimated fair values on the purchase date. Intangible assets are being amortized straight-line over the remaining life of the plant.

## **Asset Dispositions**

In the first quarter of 2002, Entergy sold its interests in projects in Argentina, Chile, and Peru for net proceeds of \$135.5 million. After impairment provisions recorded for these Latin American interests in 2001, the net loss realized on the sale in 2002 is insignificant.

In August 2002, Entergy sold its interest in projects under development in Spain for a realized gain on the sale of \$25.7 million. In December 2002, Entergy sold its 800 MW Damhead Creek power plant in the UK resulting in an increase in net income of \$31.4 million. The Damhead Creek buyer assumed all market and regulatory risks associated with the facility.

In August 2001, Entergy sold its Saltend power plant in the UK for a cash payment of approximately \$800 million. Entergy's gain on the sale was approximately \$88.1 million (\$57.2 million after tax). In the sales transaction, Entergy or its subsidiaries made certain warranties to the purchasers relating primarily to the performance of certain remedial work on the facility and the assumption of responsibility for certain contingent liabilities. Entergy believes that it has provided adequate reserves for the warranties as of December 31, 2003.

# NOTE 15. RISK MANAGEMENT AND FAIR VALUES MARKET AND COMMODITY RISKS

In the normal course of business, Entergy is exposed to a number of market and commodity risks. Market risk is the potential loss that Entergy may incur as a result of changes in the market or fair value of a particular instrument or commodity. All financial and commodity-related instruments, including derivatives, are subject to market risk. Entergy is subject to a number of commodity and market risks, including:

Type of Risk	Primary Affected Segments
Power price risk	All reportable segments
Fuel price risk	All reportable segments
Foreign currency exchange rate risk	All reportable segments
Equity price and interest	
rate risk - investments	U.S. Utility, Non-Utility Nuclear

Entergy manages these risks through both contractual arrangements and derivatives. Contractual risk management tools include long-term power and fuel purchase agreements, capacity contracts, and tolling agreements. Entergy also uses a variety of commodity and financial derivatives, including natural gas and electricity futures, forwards, swaps, and options; foreign currency forwards; and interest rate swaps as a part of its overall risk management strategy. Except for the energy trading activities conducted by the Energy Commodity Services segment, Entergy enters into derivatives only to manage natural risks inherent in its physical or financial assets or liabilities.

Entergy's exposure to market risk is determined by a number of factors, including the size, term, composition, and diversification of positions held, as well as market volatility and liquidity. For instruments such as options, the time period during which the option may be exercised and the relationship between the current market price of the underlying instrument and the option's contractual strike or exercise price also affects the level of market risk. A significant factor influencing the overall level of market risk to which Entergy is exposed is its use of hedging techniques to mitigate such risk. Entergy manages market risk by actively monitoring compliance with stated risk management policies as well as monitoring the effectiveness of its hedging policies and strategies. Entergy's risk management policies limit the amount of total net exposure and rolling net exposure during the stated periods. These policies, including related risk limits, are regularly assessed to ensure their appropriateness given Entergy's objectives.

## **Hedging Derivatives**

Entergy classifies substantially all of the following types of derivative instruments held by its consolidated businesses as cash flow hedges:

Instrument		Business Segment
Natural gas and electricity		Non-Utility Nuclear,
futures and forwards	Energ	y Commodity Services
Foreign currency forwards	U.S. Utilit;	y, Non-Utility Nuclear

Cash flow hedges with net unrealized gains of approximately \$11 million at December 31, 2003 are scheduled to mature during 2004. Gains totaling approximately \$27 million were realized during 2003 on the maturity of cash flow hedges. Unrealized gains or losses result from hedging power output at the Non-Utility Nuclear power stations and foreign currency hedges related to Euro-denominated nuclear fuel acquisitions. The related gains or losses from hedging power are included in revenues when realized. The realized gains or losses from foreign currency transactions are included in the cost of capitalized fuel. The maximum length of time over which Entergy is currently hedging the variability in future cash flows for forecasted transactions at December 31, 2003 is approximately five years. The ineffective portion of the change in the value of Entergy's cash flow hedges during 2003 was insignificant.

# **Fair Values**

# **COMMODITY INSTRUMENTS**

Fair value estimates of Energy Commodity Services' commodity instruments are made at discrete points in time based on relevant market information. Market quotes are used in determining fair value whenever they are available. When market quotes are not available (e.g., in the case of a long-dated commodity contract), other information is used, including transactional data and internally developed models. Fair value estimates based on these other methodologies are necessarily subjective in nature and involve uncertainties and matters of significant judgment. Therefore, actual results may differ from these estimates. At December 31, 2003 and 2002, the recorded values of Energy Commodity Services' energy-related commodity contracts were as follows (in thousands):

· · ·	2003		2002	
· · · · · · · · · · · · · · · · · · ·	Assets	Liabilities	Assets	Liabilities
Consolidated subsidiaries	\$ -	\$ -	\$ 4,071	\$ 8,395
Equity method investees **	\$872,959	\$866,412	\$754,678	\$663,765

(1) As required by equity method accounting principles, only Entergy's net investment in these investees is reflected in its balance sheet, and these assets and liabilities are not reflected in Entergy's balance sheet. See Note 13 to the consolidated financial statements for more information on Entergy's equity method investees.

Following are the cumulative periods in which Entergy-Koch Trading's net mark-to-market assets would be realized in cash if they are held to maturity and market prices are unchanged (in millions):

Maturities and Sources			,	
for Fair Value of Trading	0-12	13-24	. 25+	· .
Contracts at December 31, 2003	months	months	months	Total
Prices actively quoted	\$126.3	\$(87.1)	\$(14.6)	\$24.6
Prices provided by				
other sources	4.8	(10.1)	. 5.6	0.3
Prices based on models	(28.0)	14.2	4.9	(8.9)
Total	\$103.1	\$(83.0)	\$ (4.1)	\$16.0

## FINANCIAL INSTRUMENTS

The estimated fair value of Entergy's financial instruments is determined using bid prices reported by dealer markets and by nationally recognized investment banking firms. The estimated fair value of derivative financial instruments is based on market quotes. Considerable judgment is required in developing some of the estimates of fair value. Therefore, estimates are not necessarily indicative of the amounts that Entergy could realize in a current market exchange. In addition, gains or losses realized on financial instruments held by regulated businesses may be reflected in future rates and therefore do not necessarily accrue to the benefit or detriment of stockholders. Entergy considers the carrying amounts of most of its financial instruments classified as current assets and liabilities to be a reasonable estimate of their fair value because of the short maturity of these instruments. Additional information regarding financial instruments and their fair values is included in Notes 5 and 7 to the consolidated financial statements.

# NOTE 16. QUARTERLY FINANCIAL DATA (UNAUDITED)

Operating results for the four quarters of 2003 and 2002 were (in thousands):

		· · ·	
· · ·		Operating	Net
	Operating	Income	Income
	Revenues	(Loss)	(Loss)
2003	•.		
First Quarter	\$2,037,723	\$363,403	\$400,923~
Second Quarter	2,353,909	461,576	211,517
Third Quarter	2,700,125	619,005	371,650
Fourth Quarter	2,103,163	40,571	(33,623)
2002			•
First Quarter	\$1,860,834	\$ (55,670)	\$ (72,983)
Second Quarter	2,096,581	486,159	247,585
Third Quarter	2,468,875	653,695	366,800
Fourth Quarter	1,878,745	57,537	81,670

of 2003 was \$258,001.

#### EARNINGS PER AVERAGE COMMON SHARE

	. 2	2003		2002		
· · · · · · · · ·	Basic	Diluted	Basic	Diluted		
First Quarter	\$ 1.77 <sup>w</sup>	\$ 1.73 <sup>»</sup>	\$(0.36)	\$(0.36)		
Second Quarter	\$ 0.91	\$ 0.89	\$ 1.08	\$ 1.06		
Third Quarter	\$ 1.60	\$ 1.57	\$ 1.61	\$ 1.59		
Fourth Quarter	\$(0.19)	\$(0.18)	\$ 0.36	\$ 0.35		

(b) Basic and diluted earnings per average common share before the cumulative effect of accounting change for the first quarter of 2003 were \$1.13 and \$1.10, respectively.

## ENTERGY CORPORATION AND SUBSIDIARIES 2003

## **DIRECTORS AND OFFICERS**

## DIRECTORS

The business and affairs of Entergy Corporation are managed under the direction of the Board of Directors, acting either as a body or through its committees. In 2003, the Board met 9 times. The Board committees are as follows (number of meetings in 2003 indicated in parentheses): Audit (11), Corporate Governance (9), Executive (0), Finance (5), Nuclear (6), Personnel (11).

#### Maureen S. Bateman

Special Senior Counsel, Bank of America, Boston, Massachusetts. An Entergy director since 2000. Age, 60

#### W. Frank Blount

Chairman and Chief Executive Officer, JI Ventures, Inc., Atlanta, Georgia. An Entergy director since 1987. Age, 65

#### VADM. George W. Davis

U.S. Navy (ret.); Retired Director, President and Chief Operating Officer of Boston Edison Company, Columbia, South Carolina. An Entergy director since 1998. Age, 70

#### Simon D. de Bree

Retired Director and Chief Executive Officer of DSM, The Netherlands. An Entergy director since 2001. Age, 66

## Claiborne P. Deming

President and Chief Executive Officer and Director of Murphy Oil Corporation, El Dorado, Arkansas. An Entergy director since 2002. Age, 49

## Alexis Herman

Chair and Chief Executive Officer of New Ventures, Inc., McLean, Virginia. Joined the Entergy Board in May 2003. Age, 56

#### J. Wayne Leonard

Entergy Chief Executive Officer. Joined Entergy in April 1998 as President and Chief Operating Officer; appointed CEO and elected to the Board of Directors on January 1, 1999. New Orleans, Louisiana. Age, 53

#### Robert v.d. Luft

Entergy Chairman. Member of Entergy Board of Directors since 1992; elected Chairman of the Board on May 26, 1998. Also served as acting CEO from May 26 until December 31, 1998. Chadds Ford, Pennsylvania. Age, 68

#### Kathleen A. Murphy

Former Senior Vice President and Chief Financial Officer, Connell Limited Partnership, Stamford, Connecticut. An Entergy director since 2000. Age, 53

#### Paul W. Murrill

Professional Engineer, Baton Rouge, Louisiana. An Entergy director since 1993. Age, 69

#### James R. Nichols

Partner, Nichols & Pratt (family trustees), Attorney and Chartered Financial Analyst, Boston, Massachusetts. An Entergy director since 1986. Age, 65

#### William A. Percy, II

President and Chief Executive Officer of Greenville Compress Company, Greenville, Mississippi. An Entergy director since 2000. Age, 64

#### Dennis H. Reilley

Chairman, President and Chief Executive Officer of Praxair, Inc., Danbury, Connecticut. An Entergy director since 1999. Age, 51

# Wm. Clifford Smith

Chairman of the Board of T. Baker Smith & Son, Inc., Houma, Louisiana. An Entergy director since 1983. Age, 68

Bismark A. Steinhagen Chairman of the Board of Steinhagen Oil Company, Inc., Beaumont, Texas. An Entergy director since 1993. Age, 69

#### Steven V. Wilkinson

Former Audit Partner, Arthur Andersen LLP, Watersmeet, Michigan. Joined the Entergy Board in October 2003. Age, 62

# OFFICERS

## J. Wayne Leonard

Chief Executive Officer. Joined Entergy in 1998 as President and Chief Operating Officer; appointed CEO on January 1, 1999. Former executive of Cinergy. Age, 53

## Donald C. Hintz

President. Joined Entergy in 1989 and was Group President and Chief Nuclear Operating Officer before being appointed President on January 1, 1999. In charge of nuclear power for another utility before joining Entergy. Age, 61

#### Leo P. Denault

Executive Vice President and Chief Financial Officer. Joined Entergy in 1999 as Vice President of corporate development. Former Vice President of Cinergy. Age, 44

#### **Richard J. Smith**

Group President, Utility Operations. Joined Entergy in 2000. Former President of Cinergy Resources, Inc. Age, 52

#### Curtis L. Hébert

Executive Vice President, External Affairs. Joined Entergy in 2001. Former Chairman of the Federal Energy Regulatory Commission. Age, 41

## Joseph T. Henderson

Senior Vice President and General Tax Counsel. Joined Entergy in 1999. Former Associate General Tax Counsel for Shell Oil. Age, 46

#### Nathan E. Langston

Senior Vice President and Chief Accounting Officer. Joined Entergy in 1971 and advanced through various accounting and finance positions at Entergy Arkansas and Entergy before being promoted to VP & CAO in 1998. Age, 55

## William E. Madison

Senior Vice President, Human Resources and Administration. Joined Entergy in 2001. Former Senior Vice President for Avis Group Holdings, Inc. Age, 57

#### Robert D. Sloan

Senior Vice President, General Counsel and Secretary. Joined Entergy in 2003. Former Vice President and General Counsel at GE Industrial Systems. Age, 56

#### Steven C. McNeal

Vice President and Treasurer. Joined Entergy in 1982 as a financial analyst and was given increased responsibility in areas of finance, treasury, and risk management before being promoted to VP & Treasurer in 1998. Age, 47

# INVESTOR INFORMATION

The 2004 Annual Meeting of Shareholders will be held on Friday, May 14, at the Hyatt Regency Hotel, 500 Poydras Plaza, New Orleans, Louisiana. The meeting will begin at 10 a.m. (CDT).

## SHAREHOLDER NEWS

Entergy's quarterly earnings results, dividend action, and other news and information of investor interest may be obtained by calling Entergy Shareholder Direct at 1-888-ENTERGY (368-3749). You may also use this service to receive a printed copy of the quarterly earnings release by fax or mail. Updated quarterly earnings results can be expected in late April, July, October, and early February. Dividend information will be updated according to the declaration schedule.

This and other information, including Entergy's Corporate Governance Guidelines, Board Committee Charters for the Corporate Governance, Audit, and Personnel Committees, and Entergy's Code of Conduct may be accessed electronically by selecting the Entergy home page on the Internet's World Wide Web at www.entergy.com.

For copies of the above and copies of Entergy's 10-K and 10-Q reports filed with the Securities and Exchange Commission or for other investor information, call 1-800-292-9960 or write to:

Entergy Corporation Investor Relations P.O. Box 61000 New Orleans, LA 70161

Securities analysts and representatives of financial institutions may contact Nancy Morovich at 1-504-576-5506 or nmorovi@entergy.com regarding Entergy's financial and operating performance.

## SHAREHOLDERS ACCOUNT INFORMATION

Mellon Investor Services, LLC is Entergy's transfer agent, registrar, dividend disbursing agent, and dividend reinvestment and stock purchase plan agent. Shareholders of record with questions about lost certificates, lost or missing dividend checks, or notifications of change of address should contact:

Mellon Investor Services

- 85 Challenger Road
- Ridgefield Park, NJ 07660
- Telephone: 1-800-333-4368
- For Internet access: www.melloninvestor.com

#### COMMON STOCK INFORMATION

The company's common stock is listed on the New York, Chicago, and Pacific exchanges under the symbol "ETR." The Entergy share price is reported daily in the financial press under "Entergy" in most listings of New York Stock Exchange securities. Entergy common stock is a component of the following indices: S&P 500, S&P Utilities Index, and the NYSE Composite Index, among others.

At year-end 2003 there were 228,897,642 shares of Entergy common stock outstanding. Shareholders of record totaled 54,738, and approximately 89,000 investors held Entergy stock in "street name" through a broker.

#### DIVIDEND PAYMENTS

The entire amount of dividends paid during 2003 is taxable as ordinary income. The Board of Directors declares dividends quarterly and sets the record and payment dates. Subject to Board discretion, those dates for 2004 are:

Declaration Date	Record Date	Payment Date
January 30	February 11	March 1
April 7	May 12	June 1
July 30	August 11	September 1
November 5	November 17	December 1

Quarterly dividend payments (in cents-per-share):

Q	arter	20	004	2003	2002	2001	2000
1			45	.35	33	31%	30
2				35	33	31%	30
3			····	45	33	31%	30
.4				45	35	33	31%

#### DIVIDEND REINVESTMENT/STOCK PURCHASE

Entergy offers an automatic Dividend Reinvestment and Stock Purchase Plan administered by Mellon Investor Services. The plan is designed to provide Entergy shareholders and other investors with a convenient and economical method to purchase shares of the company's common stock. The plan also accommodates payments of up to \$3,000 per month for the purchase of Entergy common shares. First-time investors may make an initial minimum purchase of \$1,000. Contact Mellon by telephone or Internet for information and an enrollment form.

#### DIRECT REGISTRATION SYSTEM

Entergy has elected to participate in a Direct Registration System that provides investors with an alternative method for holding shares. DRS will permit investors to move shares between the company's records and the broker dealer of their choice.

This option, available to every shareholder who chooses to have shares registered in his or her name on the books of the company, will be offered by broker dealers at the time an investor purchases shares and requests that they be registered. An additional feature of DRS enables existing registered holders to deposit physical shares into a book account.

## ENTERGY COMMON STOCK PRICES

The high and low trading prices for each quarterly period in 2003 and 2002 were as follows (in dollars):

		20	03		2002	
Ç	luarter	High	Low	Hig	h Low	
1		49.55	42.26	43.	88 38.25	
. ź	1° '2, "	54.38	45.90	46.	85 41.05	
3		54.99	47.75	44.	95 32.12	
4		 57.24	` <b>51.06</b>	46.	42 36.80	





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