2008 integrated resource plan report for a secure energy future

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Integrated Resource Plan Report February 2008

## A Message From AmerenUE's Chief Executive Officer



At AmerenUE, we consider our most important job to be delivering safe, reliable electric service at reasonable rates

With that in mind, in 2007 we launched an exhaustive planning process to create our Integrated Resource Plan (IRP). This publication offers an overview of our planning process and preferred plan for ensuring adequate future energy supply, while protecting the environment and minimizing costs. It outlines the steps we took to analyze the energy efficiency and generation options and to address the uncertainties and challenges we expect to face.

We have engaged in formal integrated resource planning with direction from, and the full participation of, our company's senior management. We have also had strong involvement from our stakeholders. We believe this rigorous, disciplined process has provided transparency and structure to the serious task of determining how to meet the needs of our customers going forward.

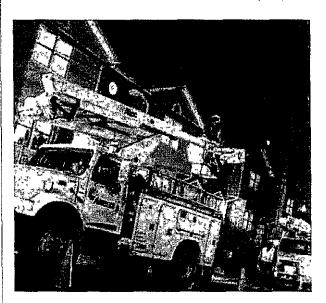
Again, one of the key objectives driving our planning has been a constant awareness of our commitment to supply safe, reliable electricity to our customers – at the lowest possible price. We realize that we must generate enough power to satisfy an ever-growing demand. However, we are also committed to aggressively pursuing the development of energy efficiency programs to reduce demand and to the development of renewable energy sources.

In fact our annual investment to empower our customers to manage their energy costs is increasing from \$24 million in 2009 to nearly \$56 million by 2015. That level of investment from AmerenUE should place Missouri among the top 10 states in the nation in per-capita spending on energy efficiency.

AmerenUE is also pursuing an agreement to add at least 100 megawatts (MWs) of wind power to our generating portfolio by 2010. In addition, to further advance renewable energy options, AmerenUE launched Pure Power in 2007, a voluntary renewable energy credit program for Missouri residential and business customers. This publication describes those initiatives in greater detail.

Throughout this effort, another objective has been to ensure that our resource planning fully reflects our commitment to environmental stewardship. AmerenUE's corporate parent—Ameren Corporation—in December 2007 published a comprehensive report on the corporation's actions and policy position on climate change titled "Stewardship – Balancing the Needs of Our Environment, Our Customers and Our Economy" Completed under the direction of Ameren senior management and the corporation's board of directors, the report can be found at www ameren com/EnvReport

That report details how AmerenUE has worked over the past two decades to reduce sulfur dioxide and nitrogen oxide emissions in advance of regulatory mandates and how Ameren and its companies, including AmerenUE intend to address reductions of carbon dioxide (CO<sub>2</sub>)



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he greenhouse gas that is at the center of today's global climate change concerns. The report includes an assessment of technology options available today and in development to reduce CO₂. In addition, the report presents the corporation's position on greenhouse gas policy proposals and their potential impact on customers and the economy.

In that environmental report we stress that we firmly support mandates that will result in meaningful reductions of CO<sub>2</sub>. However, our position is that effective climate policy must balance the benefits to the environment against the potential for significant damage to the economy in the Midwest and throughout the nation

Clearly, to secure a strong energy future we must carefully analyze the possible impact of all options. There are tradeoffs with any strategy we pursue—thus, at AmerenUE we are rigorously exploring ways to address present and future challenges. Those approaches are described in greater detail in this report. As we move forward, let me assure you that we will continue to work hard to make the best use of all resources.

However, to ensure the success of the strategies outlined here, we need the involvement of not only our regulators and elected and appointed officials but also of all citizens who care about ensuring our energy future. Providing reliable supplies of low-cost electricity, while protecting the environment, is critical not only to our quality of life but also to this state's economic vitality.

We see this publication as a catalyst for discussion about critical energy issues and hope you will read it and share your comments and questions by emailing or writing us Thank you for your interest

Sincerely,

Thomas R Voss

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You can find the full Integrated Resource Plan at www ameren com/resourceplan/ Please send your questions or comments to AmerenUE Integrated Flesource Plan, AmerenUE, PO Box 66149, MC 100, St Louis, MO, 63166-6149, or via email to ResourcePlanning@ameren com

## Integrated Resource Planning

Missouri's largest electric utility company has focused consistently over its century-long history on providing reliable energy at a price its customers can afford. In fact, AmerenUE's electric rates are 37 percent below the riational average—some of the lowest in the nation. The graph on page 3 shows how residential rates in Missouri.

stack up against those in other stafes. Our efficient operations and focus on cost control have had an impact in keeping the state's power costs low. Our commitment is to continue to keep rates as low as possible while safely and reliably supplying power to our customers.

Clearly in meeting that commitment one of our key responsibilities to customers and shareholders is to carefully plan to meet tuture demand for electricity, while protecting the environment. Our key state regulator—the Missouri Public Service Commission (MoPSC)—also recognizes its role in fulfilling this responsibility—that's why we have the integrated resource planning regulation.