# **Missouri Public Service Commission**

# Electric & Natural Gas Roundtable Discussion Groups

**Record of Proceedings** 



# Demand Response Programs & Mergers

August 21, 2002 Governor Office Building Jefferson City, Missouri



Missouri Public Serbice Commission

Commissioners KELVIN L. SIMMONS Chair CONNIE MURRAY SHEILA LUMPE STEVE GAW BRYAN FORBIS

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ROBERT J. QUINN, JR.

Secretary/Chief Regulatory Law Judge DANA K. JOYCE General Counsel

#### **MEMORANDUM**

TO: Electric & Natural Gas Roundtable Discussion Groups

FROM: Warren Wood WW

SUBJECT: Record of Proceedings

DATE: September 4, 2002

Thank you for attending the Commission's Electric and Natural Gas Roundtable session on **Demand Response Programs & Mergers** held in Jefferson City, Missouri on August 21, 2002. As promised, please find attached a bound compilation of the materials presented.

Our desire is to make these meetings as informative, beneficial, and effective as possible. Any ideas or suggestions you may have to help us toward that end are always appreciated. Feel free to contact me at (573) 751-2978 or e-mail me at <u>wwood@mail.state.mo.us</u> with any comments. We look forward to your attendance and active participation at future roundtable meetings.

Attachment

Informed Consumers, Quality Utility Services, and a Dedicated Organization for Missourians in the 21st Century

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  - c. <u>Ryan Kind</u>, Chief Economist, The Office of the Public Counsel
- 5. Attendance List

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## Demand Response Programs & Mergers Electric & Natural Gas Roundtable Discussion Groups August 21, 2002 - 1:00 to 4:30 PM Governor Office Building, 4<sup>th</sup> Floor Ballroom, 200 Madison Street, Jefferson City, MO

#### 12:30 Registration

1:00 Opening Remarks & Introductions Warren Wood, Energy Department Manager, MOPSC Staff

## **Demand Response Programs**

1:05	<b>Opportunities &amp; Challenges</b>			
	Robert Brnilovich, Managing Director, KPMG Consulting			

- 1:30 Electric Utility Perspective Richard Voytas, Manager Corporate Analysis, Ameren Services
- 1:45 Large Customer Perspective Maurice Brubaker, President, Brubaker & Associates Inc.
- 2:00 Missouri Public Service Commission Staff Perspective James Watkins, Senior Economist, MOPSC Staff
- 2:15 Break (15 Minutes)
- 2:30 Office of the Public Counsel's Perspective Hong Hu, Senior Economist, The Office of the Public Counsel
- 2:45 Opportunities for Environmental Benefits Anita Randolph, Energy Center Director, Missouri Dept. of Natural Resources
- 3:00 Open Discussion/Question Period for All Participants
- 3:15 Break (15 Minutes)

### **Mergers**

- 3:30 Why Utilities Merge Keith Stamm, President and COO, Global Networks Group, Aquila Inc.
- 3:50 Missouri PSC Staff Approach & Concerns With Mergers Mark Oligschlaeger, Senior Regulatory Auditor, MOPSC Staff
- 4:05 The Office of the Public Counsel's Approach & Concerns With Mergers Ryan Kind, Chief Economist, The Office of the Public Counsel
- 4:20 Open Discussion/Question Period for All Participants
- 4:30 Closing Remarks & Adjourn

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#### **Robert Brnilovich**

Partner Washington DC

#### Summary

Tel: 703/962-3121 Fax: 703/962-2400

email: Rbmilovich@KPMG.com Robert Brnilovich leads the Customer Technology Solutions practice of Andersen's Energy Industry Business Consulting practice in North America. In this role, he helps Energy companies create and execute CRM strategies and related technology enablers. In addition, Robert created and leads a task force at Andersen to help utilities develop new strategies for implementating demand management programs. Robert has been the engagement partner on many large electric and gas utility consulting assignments over the past 17 years. His experience includes consulting on strategy design and execution; design and implementation of CIS, CRM and ERP solutions; process re-engineering and organization realignment and a variety of other special projects.

Robert is based in the Washington, D.C. office of Andersen. He earned a Bachelor of Science degree from Miami University and an MBA from George Mason University. He is a Certified System Professional and a member of the Institute of Certified Computer Professionals.

#### **Relevant experience**

- Large Northwestern Gas and Electic Utility Assisted the company in determining how best to standardize and leverage meter information for Demand Management type programs.
- Large Retail Energy Provider Assisted the Company in the consolidation of several CIS/Billing systems into a integrated solution using Excelergy's ABP3000.
- Large Midest Gas Utility Assisted the Company with the implementation of a new CIS (SCT's Banner) as part of the merger of three distribution companies. Responsible for managing the Independent Quality Oversight team to ensure financial integrity and controls.
- Large Midwest Gas and Electric Utility Assisted the Company in the indentification, review and resolution of key issues surronding a recent implementation of a new CIS. The project included the identification of risks and controls required to stabilize the customer service and billing operations.
- Large Northwestern Gas and Electric Utility Assisted the Company in the strategic implementation of a new Customer Information System. The projects include system integration, process improvement and organizational realignment. Provided senior management recommendations on managing risks associated with achieving the critical success factors and expectations of sponsors/stakeholders.
- Large Midwestern Gas Utility Quality Review and Advisory partner on a comprehensive engagement to develop and implement a Customer Information System and Gas Transportation System. Provided senior management with recommendations on risk mitigation and planning associated with operational recovery.
- Midwestern Gas Utility Advisory partner on a engagement to develop and implement a Customer Information and Work Management solution. Provided senior management with risk analysis and alternatives to sustain impact of retail choice in their geography.

- Large Midwestern Gas Utility Assisted the company in the development and implementation of a single Customer Information System solution for their various distribution companies. The project included the identification of a shared vision and assessment of the regulatory and cultural barriers. In addition, provided recommendations on how to enable the system and organization to support Retail Choice programs.
- Midwestern Energy Service Provider Assisted the company in the development and implementation of a Billing System to accommodate retail customers. Provide senior management with advice on how to limit costs while getting to market quickly with various products and services.
- Large Southeastern Gas and Electric Utility Advisory partner on a engagement to build a new Customer Information System that will meet the needs of the regulated business and address the capabilities required to support customer choice.
- Technology Consulting Robert has extensive experience leading all phases of complex technology projects including design, selection, acquisition and implementation. He has expertise in implementation of CIS, Work Management and ERP systems. In addition, Robert has expertise in leveraging other technologies such as EAI/Middleware, IVR, Imaging, and Internet based solutions to provide endto-end solutions for core business processes.
- ERP Implementation Engagement Partner on a PeopleSoft implementation for a large property management company. Developed unique approach to phase functionality by each of the parent company's subsidiaries. The implementation included both HR and Financials. The scope of the project was full-lifecycle systems integration, including training and change management.
- CIS Implementation Engagement Partner on a large Service 2000 implementation for a large multi-state Midwestern Gas Utility. Mobilized a team of over 100 resources to lead and execute all aspects of the implementation with the client. In addition to the core CIS implementation, the team rolled out new IVR (VRU and CTI) technologies, Document Management/Imaging, and real-time third party interfaces (via MQ Series). The scope of the project included Project Management, Interfaces, Outputs, Conversion, System Testing, Training, Communications and Change Management.
- CIS Implementation Engagement Partner on a large ConsumerLinX implementation for a large Northwestern Gas and Electric Utility. Mobilized a team of over 150 resources from 12 different offices to lead and execute all aspects of the implementation with the client. The implementation included core CIS (Billing, A/R, Cash, Credit, Meter, Financial Reporting) functionality as well as Meter Management, Outage Management, and service order scheduling. The scope of the project included Project Management, Interfaces, Outputs, Conversion, System Testing, Training, Communications and Change Management. In addition to the core CIS implementation, the team integrated a complete set of multi-media and IVR (VRU and CTI) technologies for the access center. MQ Series and Mercator were used for most near time interfaces. A unique solution using Business event simulation was employed to reduce operation impacts and recovery.
- Large Program Management Served as the Deputy Program Manager for a large system modernization program for the Federal Government. The program over saw multiple system integration and change management projects. Lead the definition of several key architectural building blocks for the Integrated Systems Architecture.

- Telecommunication Management Designed, developed and implemented a system for the General Services Administration to help manage the pay-per-use (FTS2000) rollout of telecommunications services for the Federal Government. The scope of the project was full-lifecycle systems integration, including training and change management.
- Telecommunication Management Developed processes and controls for the FTS2000 Service Providers (AT&T & US Sprint) during the FTS2000 transition planning and testing.
- Telecommunication Management Designed, developed and implemented applications to manage Customer Records, Billing, Credit, Collections, Service Provisioning and Transponder Reservations for a provider of satellite based services. Projects included full-lifecycle system development, including training and change management.
- Enterprise Application Integration Selection Engagement Partner on the implementation of a CIS for a large Northwestern Utility. As part of the implementation, a strategic platform analysis was conducted to simplify and standardize the approach for the 100+ interfaces to/from the CIS. MQ Series and Mercator were chosen and successfully implemented.
- Enterprise Application Integration Selection Provided a software development firm, which is building a new CIS, with advice on evaluating and selecting an EAI solution to target as a partner in developing integration connectors/adapters. Vitria, STC, and TIBCO were reviewed.
- E-Business Consulting Led this new service offering for a large consulting practice. Developed the foundation for the practice area to provide strategy, process and technical solutions for utility companies.
- PeopleSoft Consulting Led the Energy PeopleSoft practice for a large consulting practice growing revenues to over \$15 million (five-fold growth) in fees in one year.
   Provided full service consulting services to utility companies. In addition. worked on developing alliances with several PeopleSoft vendor alliances to provide complete solutions (HR,Finance, CIS, Asset Management, etc) to utility companies.

# <u>Maurice Brubaker, President</u>



Mr. Brubaker received the Degrees of: Bachelor of Science in Electrical Engineering from the University of Missouri at Rolla; Master of Business Administration (with a Major in Finance) and Master of Science in Engineering from Washington University in St. Louis.

Prior to entering the utility consulting practice in 1970, Mr. Brubaker was employed by Emerson Electric Company.

Recent engagements have concentrated on electric market restructuring, development of energy strategies, and competitive sourcing of power for customers.

He has extensive experience in virtually all aspects of regulated and competitive electricity and natural gas, and has presented testimony on more than 400 occasions before the Federal Energy Regulatory Commission, over 30 state regulating commissions and before various state courts, municipal regulatory bodies and state legislatures.

#### **Other Project Work**

- Federal Energy Regulatory
   Commission
- Guam
- Iceland

#### Principal Advisor to:

- Illinois Industrial Energy Consumers
- Louisiana Energy Users Group
- Missouri Industrial Energy Consumers
- United States Navy
- Utah Industrial Energy Consumers

# **Project Work**



#### Areas of Expertise

• Alternative Energy Supply Options • Ancillary Service Rates • Cogeneration • Contract Development, Evaluation and Negotiations • Cost of Service Studies • Customer Gas Supply Programs • Demand-Side Management • Economic Dispatch • Electric Retail Competition and Customer Choice • Fuel Cost Recovery

• Gas Transportation Rates and Policy • Interruptible Rates • Legislation and Public Policy • Marginal Cost Analysis • Market Power Analysis • Market Price Surveys • Market Structure • Merger Evaluations • Performance Based Rates • Performance Standards for Generation Units • Price Forecasts • Prudence and Used/Useful Evaluation • Purchase Power Contracts • Rate Design and Tariff Analysis • Real-Time Pricing • Request for Proposals • Resource Planning • Retail Access Pilot Program Design • Revenue Requirements • Site Selection and Evaluation • Standby Rates • Stranded Costs • Training Seminars • Transmission Pricing and Access • Utility Privatization Studies

#### Hong Hu

Hong Hu is a Public Utility Economist for the Office of the Public Counsel. She has a Master Degree in Economic from the University of Missouri - Columbia and is an ABD Ph. D. in Economics. Ms. Hu has been with the Office of the Public Counsel since 1997. She has filed cost of service and rate design testimonies in many gas, electric, telephone and water rate cases. Ms. Hu recently filed testimony proposing a pilot Time of Use program in the Ameren compliant case. Mr. Hu also administers the Public Counsel's web page.

#### Ryan Kind

Ryan Kind is the Chief Energy Economist for the Missouri Office of the Public Counsel. He has been with the Public Counsel's office since 1991 and works primarily on gas and electric utility issues. Ryan's work at the Public Counsel's office has included testimony before the Missouri Public Service Commission, the Missouri Legislature, and the Federal Energy Regulatory Commission (FERC). He has testified on a wide range of energy issues including: transmission access and reliability issues, ISO and RTO formation issues, market power, supply and demand-side resource planning, class cost of service and rate design, and incentive regulation.

Ryan Kind was the public consumer organizations representative on the Midwest ISO's Advisory Committee for two years and is still an alternate consumer representative. Ryan currently serves on the Operating Committee of the North American Electric Reliability Council (NERC) as the small customer representative. He has both a master's degree and a bachelor's degree in economics from the University of Missouri-Columbia.

#### MARK OLIGSCHLAEGER

Mark is an Auditor V with the Missouri Public Service Commission's Accounting Staff in the Utility Services Division.

Mark graduated from Rockhurst College in 1981, and has been employed at the Commission since September 1981. He has filed testimony in numerous electric, gas, water, telecommunications, and industrial steam proceedings; including rate cases, earnings complaint cases, accounting authority orders, and other types of cases. He has also filed testimony in a number of merger and acquisition applications involving electric utilities in Missouri. Mark was a member of the Stranded Cost Working Group within the Missouri Commission's Retail Electric Competition Task Force in the late 1990s. Anita C. Randolph, Director Missouri Energy Center

Anita Randolph was appointed Director of the Missouri Energy Center (formerly the Division of Energy) in July 1998. Prior to becoming the Energy Director, Anita was employed by the Missouri Department of Transportation in the Office of Transportation Planning and Policy Development. In this position, Anita worked closely with Missouri's Congressional Delegation, the Governor's Office and the Missouri General Assembly on legislative and appropriation issues affecting Missouri's transportation system.

Before being employed by MoDOT, Anita worked for the Missouri House of Representatives where she developed legislative approaches for environmental, energy and natural resource issues.

Anita was appointed by former U.S. Secretary of Energy Bill Richardson as a member of the State Energy Advisory Board, a federal advisory board to the U.S. Department of Energy, and she is a board member of the National Association of State Energy Officials. Anita also serves as Missouri Governor Bob Holden's representative to the Governors' Ethanol Coalition and she is on the Board of Directors of the Midwest Energy Efficiency Alliance.

Anita obtained a Masters Degree in Public Health, with a specialty in Environmental Management, from the University of Oklahoma. She received a Bachelor of Journalism degree from the University of Missouri.



#### **Keith Stamm**

President and Chief Operating Officer, Global Networks Group, Aquila, Inc. Chairman, United Energy (Australia) Chairman, UnitedNetworks (New Zealand) Kansas City, Missouri

Keith Stamm was appointed president and chief operating officer of Aquila's Global Networks Group in November 2001. Global Networks Group manages all the company's electric, natural gas and telecommunications network operations worldwide and includes 3,000 U.S. employees as well as network operations in Canada, Australia, New Zealand and the United Kingdom.

Stamm also is chairman of United Energy and UnitedNetworks. Aquila manages and owns 34 percent of United Energy, an Australian company that provides electric and natural gas service to more than a million customers in Melbourne. UnitedNetworks, New Zealand's largest electricity and natural gas lines company, managed and 55 percent owned by Aquila.

Prior to his appointment as president and COO of Aquila's Global Networks Group, Stamm was chief executive officer of Aquila's power trading group. Before joining Aquila, he was chief executive officer of United Energy and held various positions with Aquila since 1983.

Stamm is certified as a professional engineer and has a bachelor's degree in Mechanical Engineering from the University of Missouri and an M.B.A. from Rockhurst College in Kansas City. He has 19 years of experience in several facets of the energy industry, including strategic planning, risk management, utility operations and energy marketing.

Based in Kansas City, Missouri, Aquila operates electricity and natural gas distribution networks serving more than six million customers in seven states and in Canada, the United Kingdom, New Zealand and Australia. It is also is one of the largest wholesalers of electricity and natural gas in North America, provides risk management products and services, provides wholesale energy services in the United Kingdom and has a presence in Germany and Scandinavia. At March 31, 2002, Aquila had total assets of \$12.3 billion and 12-month sales of \$37.3 billion. More information is available at www.aquila.com.

### <u>Richard A. Voytas</u> Manager – Corporate Analysis Ameren Services

Rick's current position at Ameren services is Manager of the Corporate Analysis section of the Corporate Planning department. Primary responsibilities include: resource planning, market modeling, asset valuation, load analysis and forecasting, and load research.

Rick has enjoyed working at Ameren for 27 years. He is a graduate of the University of Missouri-Rolla with a B.S. in Mechanical Engineering. He is also a graduate of St. Louis University with a MBA. He is a registered professional engineer in Missouri.

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An Approach for a Solution					
<ul> <li>Case Study: Puget Sound's Personal Energy Management (PEM) – Informational and Real Time Pricing (TOU)</li> <li>PEM is a program that combines a network metering system with a time-of-use information and/or pricing and effective customer communications to enable customers to manage their own energy use and bills. The PEM program has been successful in getting customers to shift usage to off-peak hours and to lower overall energy usage</li> </ul>					
<ul> <li>Through a carefully orchestrated and integrated campaign, PEM has grown into a lifestyle brand which incorporates leading edge technology, customer empowerment, social and environmental responsibility</li> </ul>					
<ul> <li>The adoption of PEM by PSE's customers and the approval of the program by the Washington State Utilities &amp; Transportation Commission has been overwhelmingly positive</li> </ul>					
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us i <del>p</del> l	produit		Utilities + Energy	
∎ At	typical DSM project will	need to accomplish the	tollowing at a	
mi	nimum:			
ņ	Assess and Develop Busin	ess Requirements: Assess th	ne business environm	ent
	and evaluate the utility's ne	eds, requirements, challenge	s and strategic goals.	
	<ul> <li>Develop a series of inter-re</li> </ul>	elated check points, or gates, i	between activities to	
	<ul> <li>assure tasks are complete</li> </ul>	d efficiently.		
5	CIS/Billing/Meter Evaluatio	n: Identify the business requir	ements via a rigorous	3
	review and documentation	of the utility's system archited	ture and capabilities.	
	Investigate what changes of	or customization will have to b	e made to support an	nđ
	develop specifications.			
9	Customer Channel Evaluat	tion: Evaluate the needs and	goals of various	
	stakeholders and develop a	a program which addresses tr	le utility's overall stra	tegy
	Meter Data Warehouse Ev	e and desired communication	avenues.	0
6	interval usage data and en	sure that it's canable of record	ding and communicat	= tina
	interval usage data and en	dition to supporting load man	anement the system	
	must be capable of time-of	i-use billina.	raoinond alo ofoto	
-	Detailed Implementation P	Ian and Cost Benefits Analysi	s: Data regarding	
	program costs and benefits	s will be collected to understa	nd the financial viabili	ity
	of alternative system config	gurations and financing mech	anisms. This include:	s
	understanding key sources	s of project risk, and the key fa	actors and milestones	3
	that must be met to assure	e success.		
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# Infrastructure: Communication Problems Caused By...

Communication problems can be caused by many things including:

- Radio interference
- Meter transmittal problems
- Difficult locations basements, remote locations etc.
- Physical obstructions in the path of a signal

Ameren UE











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# Transferability: Energy Crisis Management In Washington State

- Issue energy alerts
- Appeal to public for conservation
- Require 10% reduction of energy use in public buildings
- Increase electric rates
- Implement curtailment/buyback programs
- Gain government funded large scale media campaigns for conservation
- · Businesses respond to appeals in force
- Coordinate between states via Governor to Governor partnerships in OR and WA
- Change hydro operations (to the detriment of salmon)

Ameren UE



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### Transferability: Energy Crisis Management Results In Washington State

- Load reduced by 20%
- Energy prices stabilized
- · Winter supply outlook improved

#### But...

- Economic cost: \$\$ drained out of state; layoffs; business closures
- Costs to salmon recovery efforts
- Air quality impacts of short-term diesel generation

Ameren UE



























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## Factors Affecting Ability to Respond To Price Signals

- Type of process
  - ► Batch
  - ➤ Continuous
- Ability to substitute for current production
  - Inventory
  - ► Spot Market
- Nature of price / cost structure
  - Avoidable (or reducible) costs
  - Lead time to adjust production
- o Other

### **Production Cost Containment**

- Lower electricity costs to produce product or service are desirable
- A willingness to forgo electricity purchases when savings exceed margin on lost production





BRUBAKER & ASSOCIATES, INC.

# Limitations on Length and Frequency of Interruptions

- Ability to shift production without adversely impacting deliveries to their customers
- Ability to alter purchases without adversely impacting environmental restrictions

### **More Options Desired**

- Traditional interruptible service with negotiable interruption duration and frequency conditions
- Options for firm customers to resell or return their purchases at market prices
- Workable real-time pricing tariffs





 Some produce commodities that can be readily replaced through spot purchases

 Participation of these types of loads can only be maximized by allowing resale or return of power at market prices

 Sufficient notice is necessary to allow these customers to compare their production costs versus spot commodity prices



### Why Expand Participation?

- Utilities have become more dependent on market purchases
- Responsive load mitigates high market prices and improves efficiency
- Both lower costs to all customers

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# **Demand Response Programs**

What Do They Mean to the Small Consumers?

# Problems in the Electric Power Market

ର Price Spikes ର Declines in Reliability ର Market Power















# Examples – Puget Sound Energy

- ର Personal Energy management residential TOU rate
  - Started May 1, 2001
  - 300,000 participants
  - Opt-out
  - Four-period TOU: Overnight and Sunday, Morning, Midday, Evening
  - Advanced Electric meters
  - AAO for refund of overcollection of revenue

# Examples – Puget Sound Energy

#### **ी Result**

- Customer Participation
  - 99.3% chose to stay on the TOD rates
  - 2,183 customers opted out
  - 18,570 customer phone calls and emails
  - significant number of customers asked to be add to the program
  - 56% noticed a lower bill















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Aquila	
Kansas Public Service – 1984Peoples Natural Gas – 1985West Virginia Power - 1986Northern Minnesota Utilities – 1986Liberal Gas Company – 1988Michigan Gas Utilities – 1989West Virginia Gas - 1990West Plains Energy – 1991Minnegasco (Nebraska) – 1993Arkla (Kansas) – 1994St. Joseph Light and Power – 2000	<ul> <li>Currently suspended</li> <li>Dates back to 1984 – still sound strategy</li> <li>Designed to provide low cost, efficient and reliable service</li> <li>Enhances values to all stakeholders – <ul> <li>✓Employees</li> <li>✓Customers</li> <li>✓Shareholders</li> </ul> </li> <li>Achieved through diversification by – <ul> <li>✓ Product</li> <li>✓ Region</li> <li>✓ Climate</li> <li>✓ Jurisdiction</li> </ul> </li> </ul>
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Aquila	ategy Results		÷.
	Electric customers served Gas customers served Total customers served Generation MW Networks: Pole Miles Pipe Miles Total Miles Assets managed Employees	<u>1984</u> 140,713 <u>59,539</u> 200,252 912 7,000 <u>193</u> 7,193 \$.4 billion 894	2002 433,978 880,182 1,314,160 2,115 21,000 20,000 41,000 \$2.5 billion 2,554
<ul> <li>Electric Service</li> <li>Gas Service</li> <li>Combination</li> <li>Generation Assets</li> </ul>	<ul> <li>Larger Balance Sheet</li> <li>Customer Growth</li> <li>Employee Opportunity</li> <li>Customer Savings</li> <li>Diversification of Risks</li> </ul>		7







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Test for Commission approval: "no detriment to the public.": "A property owner should be allowed to sell his property unless it would be detrimental to the public."

"Public" primarily considered to customers of the utility.

\* "No detriment" test means the utility does not have to prove benefits will result from the proposed transaction.

- In reviewing merger applications in the past, the Commission has considered the following:
- The applicant's experience in the utility industry

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The applicant's history of service difficulties

- The applicant's general financial health
- The applicant's ability to absorb the proposed transaction
- The applicant's ability to operate the assets safely and efficiently

Recent Electric M&A Activity in Missouri Union Electric/Central Illinois Public
 Service 1 Agreement August 1995 Approved February 1997 Closed December 1997 \* Western Resources/Kansas City Power & Light > Agreement March 1998 Approved September 1999 Terminated January 2000



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#### Preservation of Income Tax Benefits \* Preservation of Missouri Benefits Transition Costs (Costs to Achieve) Acquisition Adjustment/Merger Premium \* Treatment of Merger Costs Jurisdictional Allocations Fuel/Generating Costs Transaction Costs - No Recovery - No Recovery 2

- Ten/Twenty Year Amortization



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Market Power and Financial Concerns Addressed



- No Rate Decisions in Merger Applications/"Regulatory Plans" Rejected
- The Possibility of Future Cost of Service Increases Does Not Constitute Detriment
- Will Not Impose Requirements on Merging Companies that do not Apply to Non-Merging Utilities
- Concerns About Safety Impacts of Employee Reductions

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Description of the state and federal level.
Consumer risks from mergers.









Motivating factors for the utility being acquired.

- Merger premiums that range from 10% -30% provide immediate windfalls for the acquired utility's shareholders.
- Former SJLP shareholders have seen how this windfall can evaporate if they do not convert their shares to cash shortly after the merger.



Sources of earnings growth unrelated to synergies

- Gaining unearned competitive advantages.
- Transfer of jurisdiction from state to federal regulatory agencies.
- Affiliate transactions that favor non-regulated activities.









### MO PSC Jurisdiction at the Utility Parent/Holding Company Level

- Many utilities have restructured their corporate organization to create a holding company structure where utility operating companies are subsidiaries.
- The Commission has generally declined to assert jurisdiction at the holding company level so when mergers occur at this level they have not been reviewed in Missouri.



















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### Missouri Public Service Commission Electric & Natural Gas Roundtable August 21, 2002

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Joe Schulte         Pace Local 5-0         314-721-0440           Tom Scheibelbet         Pace Local 5-6         314.721.8448
Tolli Schebenet         Tace Local 5-0         514-721-0440           Barb Temm         Page Local 5 0104         214 221 0209
Date TelliniFace Local 5-0194514-251-9596Lason ArcherDent Economic Dev751 5007
Jason Archer     Dept. Economic Dev.     751-5097       Ieff Keevil     573-400-0635
Stewart & Recvir     573-479-0035       Richard Malon     City of Columbia Water & Lt     573-874-7325
Rechard Match     City of Columbia Watch & Et     575-674-7525       Laura Becker     KCPL     \$16,556,2274
Lois Liechti KCPL 816-556-2612
Lois Licenti     RCL     810-550-2012       Pick Voytas     Ameren     314 554 3025
Kick voytasAllefell514-534-5025H Lynn StuhlmanConsumer572 625 9290
II. Lyim Stumman     Consumer     575-055-0260       Geoff Emerson     CMS Dephendle     712,090,7515
Carla T. Klein Siarra Club 573 815 0250
Craig Nelson Ameron 214 554 6422
Claig Nelson         Allefen         514-534-0435           Hong Hu         OPC         522-2276
Itolig Ilu         OrC         322-5570           Stu Conrad         ECP         916 752 1122
Stu Contau         FCI         810-755-1122           Maurice Brubaker         BAI         314 275 7007
Natified BrainS14-275-7007Rich KowachAmeren314 554 3168
Rich Kövach     Alleren     514-554-5106       Brenda Wilbers     DNR-Energy Center     751.8500
Bob Jackson City of Kansas City 816-513-30/1
Steve Murray Aquila 816-467-3434
Bill Spencer
Leff Kelley Laclede 314-342-0874
John Miller         DNR         576-3760
John GimpsonAquila402-221-2375
Caria LeBande KCPL 816-556-2145
John Buchanan DNR-Energy Ctr 751-5664
Mary Chen KCPL 816-556-2426
Ryan Kind         OPC         751-5563

Name	Organization	Phone
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Greg Bullington	KCPL	816-556-2335
Robert Johnson	MEG	314-345-6436
Rick Anderson	DNR-Energy Ctr.	751-5953
Brent Martin	Missouri net	893-2829
Tom Byrne	Ameren	34-554-2514
Sean Gallagher	Harness Gallagher	634-3409
Bill Steinmeier		
Doug Micheel	OPC	
Jim Busch	OPC	
Jim Fischer	······	
Anita Randolph		
Cary Featherstone	Rick Campbell	Roberta McKiddy
Kwang Choe	Jennifer Markway	David Meyer
Ken Nichols	Bob Berlin	Rosalla Schad
Mike Proctor	Wess Henderson	Bob Schallenberg
Toni Messina	Henry Warren	Lena Mantle
Nathan Williams	Bob Quinn	James Watkins
John Kiebel	Debbie Bernson	Denny Frey
Leon Bender	Greg Macias	Connie Murray
Jolie Mathis	Steve Gaw	Steve Dottheim
Bryan Forbis	Kelvin Simmons	Janis Fischer
Sheila Lumpe		

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