2	Q.	Please state your name and business address.
3	A.	My name is Brent E. Gale. My business address is 666 Grand Avenue, Suite
4		2600, Des Moines, Iowa 50309.
5	Q.	By whom are you employed and in what position?
6	A.	I am Senior Vice President, Legislation & Regulation, for MidAmerican Energy
7		Company ("MEC"), a subsidiary and business platform of MidAmerican Energy
8		Holdings Company ("MEHC").
9	Q.	Please describe the responsibilities of your current position.
10	A.	My primary responsibilities for MEC include U.S. regulatory and legislative
11		strategic planning, state legislative relations, federal and state regulatory relations
12		rates, regulated cost of service, rate design, utility acquisitions, representation of
13		MEC's interest in North America regarding electric and gas industry
14		restructuring, and providing advice and assistance to MEHC regarding federal
15		legislative policy.
16	Q.	Please describe your background.
17	A.	I received a B.A. degree from Drake University in 1972 and a J.D. degree, also
18		from Drake, in 1976. After graduation I joined one of MEC's predecessor
19		companies, holding positions of attorney, general counsel and vice president-
20		general counsel. After the formation of MEC, I held the positions of vice
21		president-regulatory law & analysis and vice president-legislation & regulation.
22		I am licensed to practice law in all state courts of Iowa, before the federal
23		court for the Southern District of Illinois and before the District of Columbia

Introduction

1		Circuit. I am a member of the Iowa State Bar Association, the EEI Legal
2		Committee, the EEI Energy Delivery and Public Policy Executive Advisory
3		Committee, the boards of the Illinois Energy Association, the Illinois Institute for
4		Regulatory Policy Studies, and the New Mexico State Center for Public Utilities.
5		During my career, I have spoken before numerous consumer, industry, and
6		national and international regulatory conferences, most recently upon the topics of
7		renewable energy, alternative regulation, electric restructuring, and generation
8		portfolio diversity.
9		I have also participated extensively in the negotiation and drafting of
10		electric and gas legislation in several states and at the federal level. I have
11		previously testified before the Iowa Utilities Board, Illinois Commerce
12		Commission and in the courts of Iowa and Illinois.
13	Sum	mary of Testimony
14	Q.	What is the purpose of your direct testimony in this proceeding?
15	A.	The purpose of my testimony is as follows:
16		• to provide evidence that the transaction will be in the public interest and to
17		sponsor some of the commitments that are being offered to protect the
18		interests of consumers;
19		• to identify the similarities between PacifiCorp and MEC;
20		• to discuss the experience of MEC as evidence of how a regulated utility can
21		be expected to operate as a subsidiary of MEHC; and
22		• to discuss the various shareholder, state and federal approvals required for
23		completion of the transaction.

1	Q.	Please summarize your testimony.
2	A.	My testimony provides evidence that the transaction is in the public interest and
3		will not harm the ability of PacifiCorp to provide adequate and reliable service to
4		its customers in all states that it is privileged to serve. This evidence includes the
5		pro-active offer by MEHC and PacifiCorp to adopt a uniform set of transaction
6		commitments based upon the commitments in all states from PacifiCorp's prior
7		transaction. My testimony also includes a detailed discussion of MEC's
8		experience as an MEHC subsidiary and the similarities between MEC and
9		PacifiCorp.
10	The T	Transaction is in the Public Interest
11	Q.	You have said that MEHC's acquisition of PacifiCorp will be in the public
12		interest and that commitments will be undertaken to ensure that customers
13		are protected. What is the basis for your statement?
14	A.	My reasoning is based upon the following:
15 16 17 18 19 20		• As part of my testimony, MEHC and PacifiCorp will adopt a uniform set of commitments that are based upon the commitments undertaken by PacifiCorp as a part of the prior merger transaction; these uniform commitments will be extended to all six states, not just the states that requested a particular commitment in the previous PacifiCorp transaction.
21 22 23 24		• Also as part of my testimony, in recognition of the differences among the states, MEHC and PacifiCorp will offer to continue several state-specific commitments undertaken by PacifiCorp in the previous transaction.
25 26 27 28		• As part of MEHC witness Abel's testimony, MEHC and PacifiCorp will offer numerous new commitments involving generation options, transmission investment, clean air investment, energy efficiency, customer service and other important matters.

- PacifiCorp will become a separate business platform under MEHC, with its own business plan, its own management, its own state policies, and the responsibility for making decisions that achieve the objectives identified in the testimony of MEHC witness Abel (i.e., customer satisfaction, reliable service, employee safety, environmental stewardship, and regulatory/legislative credibility). The many similarities between MEC and PacifiCorp will facilitate an easy transition of PacifiCorp as a separate subsidiary of MEHC.
  - MEC's operations, as a subsidiary of MEHC, provide demonstrable evidence that PacifiCorp will have the ability to continue its emphasis on key utility performance areas such as: customer service; safety; integrated resource planning; a balanced mix of generating resources, including renewable generation; use of energy efficiency and demand-side management ("DSM"); investment in environmental emission control technology; and collaborative processes.

## **MECH and PacifiCorp Commitments**

Q. Please explain the uniform set of commitments you referenced.

A. MEHC and PacifiCorp have reviewed the commitments required by the six states in the Scottish Power plc ("ScottishPower") transaction. We have also met with numerous groups that may have an interest in this transaction and asked them to identify the risks and concerns that they have at this time.

Exhibit UP&L\_\_(BEG-1) responds to the risks and concerns addressed in the previous PacifiCorp transaction and to many of the risks and concerns that have been raised in the meetings with interested groups. This Exhibit identifies MEHC's and PacifiCorp's commitments to address these risks and concerns. The new commitments sponsored by MEHC witness Mr. Abel address other concerns expressed in the meetings with interested groups. MEHC and PacifiCorp propose that the commitments in this Exhibit and those in MEHC witness Mr. Abel's Exhibit UP&L\_\_(GEA-1), supersede prior commitments and apply upon the close

of the transaction.

Section I of Exhibit UP&L\_\_(BEG-1) identifies commitments that address customer service, regulatory oversight, financial integrity, revenue requirements impact, the environment, communities, employees and planning. The commitments in Section I will be applied uniformly to all six states. We are applying these commitments uniformly to simplify administration for everyone involved, including PacifiCorp, and to ensure equitable treatment of customers in all six states. The pro-active adoption of these commitments by MEHC is important evidence that there will be no harm to the public interest from the transaction.

Moreover, MEHC believes the uniform application of the commitments in Exhibit UP&L\_\_(BEG-1) to all states also provides evidence of benefits from the transaction. MEHC understands that no single state was previously provided all of these commitments. Thus, with the uniform application of these commitments in all states, each state will be receiving commitments that previously were not applicable to it. In other words, each state is receiving new benefits and protections for customers and the public.

While I am sponsoring all of the commitments in Exhibit UP&L\_(BEG-1), MEHC witnesses Mr. Goodman and Mr. Specketer in their testimony discuss some of the regulatory oversight, revenue requirements and the financial commitments in greater detail. The commitments that they discuss are identified in my Exhibit UP&L\_(BEG-1).

1	Q.	Where do you address the state-specific commitments by MEHC and
2		PacifiCorp related to the prior transaction?
3	A.	These state-specific commitments are in Section II of Exhibit UP&L_(BEG-1).
4		These commitments reflect MEHC's understanding of commitments previously
5		made by PacifiCorp that reflect unique or state-specific issues.
6	Q.	What is the purpose of the provisions in Section III of that Exhibit?
7	A.	These are administrative provisions that previously applied in one or more states.
8		We believe these should be applied uniformly in all states to simplify
9		administration and to ensure equitable application of the commitments in all
10		jurisdictions.
11	Simila	arities between PacifiCorp and MEC
12	Q.	Why do you believe the similarities between PacifiCorp and MEC provide
13		evidence that the proposed transaction will be in the public interest and not
14		harm the interests of consumers?
15	A.	There are several reasons. First, the existence of these similarities means that
16		MEHC has experience with the types of issues and risks that confront PacifiCorp.
17		Second, the existence of the similarities means that MEC and PacifiCorp have
18		experiences and advice that can be shared to enable them to better pursue the
19		objectives of customer satisfaction, reliable service, employee safety,
20		environmental stewardship and regulatory/legislative credibility. Third, the
21		similarities suggest compatible corporate cultures that should facilitate
22		PacifiCorp's transition to a business platform of MEHC. Fourth, in meetings with
23		interested parties prior to the filing of this testimony, one of the most frequently

1		offered comments was to the effect that it was one thing to "talk the talk" but
2		most were interested in whether PacifiCorp, under MEHC, would "walk the
3		walk." MEC's operation as a business platform under MEHC provides
4		demonstrable evidence of how that company has "walked the walk."
5	Q.	What are some of the similarities between PacifiCorp and MEC that you
6		deem significant?
7	A.	The most significant of the similarities are as follows:
8 9 10 11 12 13 14 15		<ul> <li>The utilities operate in contiguous states.</li> <li>Wholesale transactions, interconnections and positive relationships with non-jurisdictional (public power and cooperative) utilities are important to the conduct and financial health of the business.</li> <li>The presence of the non-jurisdictional utilities creates unique challenges and opportunities for transmission planning, coordination and operation.</li> <li>A demonstrable focus upon customer satisfaction is indicated by independent survey results.</li> </ul>
16 17 18 19 20 21 22		<ul> <li>A willingness to utilize renewable energy technologies has been demonstrated where the utilization is cost-effective for customers and there is an opportunity for a fair return to shareholders.</li> <li>A willingness to make significant investments in infrastructure improvements has been demonstrated where the investments are cost-effective for customers and there is an opportunity for a fair return to shareholders.</li> </ul>
23 24 25 26 27 28 29		<ul> <li>Investments in DSM and energy efficiency programs are made to the full extent determined to be cost-effective by applicable state standards.</li> <li>Collaborative processes are employed to develop environmental, DSM and energy efficiency programs.</li> <li>Low-sulfur, Western-basin coals are the only coals used for generation and provide more than 80% of the energy serving bundled retail customers.</li> </ul>
30 31 32 33 34 35		<ul> <li>Coal shipping options are the Burlington Northern and Union Pacific railroads.</li> <li>The delivered cost of coal is among the lowest in the United States.</li> <li>Wind, natural gas and hydro are included in the regulated generation portfolio, with the percentage of wind capacity projected to comprise a significant portion of the portfolio by 2010, if cost-effective.</li> </ul>
36 37 38		<ul> <li>There is a demonstrable commitment to employee safety.</li> <li>There is a need to plan for and deal with adverse weather conditions impacting the reliability of the delivery systems to the extent economical</li> </ul>

1 2 3 4 5 6 7 8 9 10 11		<ul> <li>and practicable; such conditions include ice, floods, tornados, storms and snow.</li> <li>Regulated delivery and electric supply services are provided in multiple state jurisdictions, with at least one state having competitive retail electric supply access.</li> <li>The economy of the service area is significantly tied to the land (agriculture, forestry, and mining).</li> <li>On the whole, the area served has a comparatively low-density population except for a few major population centers.</li> <li>The maps attached to Exhibit UP&amp;L_(BEG-2) provide some additional information regarding the similarities.</li> </ul>
		MidAmerican Energy Company
13	Q.	Please provide some historical background on MEC.
14	A.	MEC and its predecessor corporations ( <u>e.g.</u> , Iowa Power Inc., Iowa-Illinois Gas
15		and Electric Company, Iowa Public Service Company and their respective
16		predecessors) have electric service in Iowa, Illinois and South Dakota for
17		approximately 100 years. MEC is the product of a merger between Midwest
18		Power Systems Inc. and Iowa-Illinois Gas and Electric Company in 1995.
19		Midwest Power Systems Inc., in turn, was the result of a prior merger between
20		Iowa Power Inc. and Iowa Public Service Company <sup>1</sup> in 1992. In 1999, MEC was
21		acquired by CalEnergy Company Inc. (subsequently known as "MidAmerican
22		Energy Holdings Company" or "MEHC"), and in 2000, MEHC and an investor
23		group comprised of Berkshire Hathaway Inc, Walter Scott, Jr. (a director of
24		MEHC), David Sokol (Chairman and Chief Executive Officer of MEHC), and
25		Greg Abel (President and Chief Operating Officer of MEHC), closed on a

<sup>&</sup>lt;sup>1</sup> The utilities' parent holding companies (non-registered, exempt holding companies), Iowa Resources Inc. and Midwest Energy Company, were previously merged in 1990 creating a new holding company (also a non-registered, exempt holding company) called Midwest Resources Inc.

definitive agreement and plan of merger whereby the investor group, together
with certain of Mr. Scott's family members and family trusts and corporations,
acquired all of the outstanding common stock of MEHC.

### Where and how does MEC provide electric service?

MEC provides electric service in Iowa, Illinois and South Dakota, and is the largest utility in Iowa. It provides service to more than 690,000 electric customers and more than 670,000 natural gas customers in a 10,600 square-mile area from Sioux Falls, South Dakota to the Quad Cities area of Iowa and Illinois. The largest communities served by MidAmerican are Des Moines, Cedar Rapids, Sioux City, Waterloo, Iowa City and Council Bluffs, Iowa; the Quad Cities area of Iowa and Illinois; and Sioux Falls, South Dakota. I have provided a map of the areas served by MEC in my Exhibit UP&L\_(BEG-2).

After MEC's 360.5 MW wind project is completed in 2005, and its 790 MW Council Bluffs Energy Center Unit No. 4 is also completed in 2007, the company will meet the needs of its electric customers with more than 6,100 megawatts of generating capability: approximately 59 percent fueled by coal; 26 percent by natural gas and oil; 8 percent by wind, hydroelectric and biomass; and 7 percent by nuclear. MEC has majority ownership in four of the five jointly-owned coal-fueled generating stations in Iowa, and a forty percent ownership in the fifth. Exhibit UP&L\_(BEG-3) shows the locations of MEC's base-load generating facilities. In Exhibit UP&L\_(BEG-4), I have provided some basic facts and figures related to MEC's performance.

## **Customer Service**

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1	Q.	would it be reasonable for the Commission to expect no diminution in
2		PacifiCorp's performance in the area of customer service as a consequence of
3		the transaction?
4	A.	Based on MEC's experience, the transaction will not diminish PacifiCorp's
5		performance in this area. MEC has a strong track record of success in satisfying
6		its customers. In both 2004 and 2005, MEC's electric business customers ranked
7		MEC first in the Midwest for overall customer satisfaction, according to the J.D.
8		Power and Associates study. In 2004, the J. D. Power and Associates residential
9		electric study results placed MEC in a tie for first place in the Midwest on overall
10		customer satisfaction, and the residential gas study placed MEC in a tie for second
11		place in the Midwest on overall customer satisfaction.
12		The following performance factors were included in the respective
13		customer satisfaction studies: Communications with Customers (Business Study)
14		Power Quality and Reliability (Business and Residential Studies); Billing and
15		Payment (Business and Residential Studies); Customer Service (Business and
16		Residential Studies); Company Image (Business and Residential Studies); Price
17		(Business Study); and Price and Value (Residential Study).
18	Q.	Please describe MEC's relationship with its major customer stakeholders.
19	A.	Our largest 800 customers are assigned energy consultants who are capable of
20		assisting customers with unique needs such as energy efficiency, power quality,
21		gas transportation and metering. MEC's interruptible credit program, which
22		offers customers an opportunity to achieve price reductions, has been popular
23		among larger customers, with 197 MW of load control currently enrolled. MEC

1		also works constructively with its largest customers to ensure the rates they pay
2		are based on their costs of service and appropriately reflect any benefits that the
3		customers bring to the retail system (e.g., interruptibility, co-generation). In
4		2004, our large commercial and industrial customers rated us second in the nation
5		on overall customer satisfaction in the TQS Research Inc. study.
6	Ener	gy Efficiency and DSM
7	Q.	Please discuss MEC's experience with energy efficiency programs and DSM
8		programs.
9	A.	MEC and its predecessors have offered cost-effective, energy efficiency and DSM
10		programs in Iowa for more than fifteen (15) years. MEC is represented on the
11		boards of the Consortium for Energy Efficiency and the Peak Load Management
12		Alliance and is a member of the Midwest Energy Efficiency Alliance. Similar to
13		PacifiCorp, MEC has received numerous state and federal awards for its
14		programs. MEC estimates that customer demand has been reduced by some 220
15		MW through DSM programs and some 180 MW from energy efficiency
16		programs. Further, customer annual energy requirements have been reduced by
17		some 500,000 MWh as a result of the DSM and energy efficiency programs.
18		These impacts are taken into account in MEC's resource planning analyses.
19	Q.	Does MEC have state approved energy efficiency plans?
20	A.	Yes. MEC's plans are reviewed and approved by Iowa regulators, usually every
21		three to five years. Through the review and approval process, the Iowa regulators
22		determine which programs proposed by MEC meet the tests for cost-
23		effectiveness, as discussed below. MEC's actual plan expenditures have

exceeded budget for several years due to the success of and demand for the programs. For example, in 2004 MEC's actual plan expenditures compared to budgeted plan expenditures were \$35.1 million (actual) and \$31.3 million (budgeted), respectively. In 2003, MEC's actual versus budgeted expenditures were \$31.2 million versus \$20.1 million, respectively. A comparison, on a program-by-program basis, for these same years is provided in my Exhibit UP&L\_(BEG-5).

MEC utilizes a collaborative process to determine which energy efficiency and DSM programs it will offer for consideration by regulators. The company's most recent collaborative process involved roughly a dozen different parties. In order to be included in MEC's plan, programs must pass a feasibility screening process that incorporates a societal test. The societal test is an economic test that compares the present value of the costs and the benefits over the useful life of an energy efficiency program or DSM program from a societal perspective.

Exceptions to the requirement to pass the cost-benefit tests are provided by rule for low-income and tree-planting programs. MEC's plans have included all programs that were identified as feasible and cost effective.

# Q. You mentioned MEC's Iowa programs. What about Illinois and South Dakota?

These states previously have not been as interested as Iowa in energy efficiency and DSM programs being offered by regulated utilities. However, that may change in Illinois as regulators, at the Governor's request, are considering whether to allow such programs. MEC is an active participant in the Illinois

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1		process and is encouraging the state to allow it to extend its Iowa programs to
2		Illinois consumers.
3	Envi	ronmental Actions
4	Q.	What has been the experience of MEHC and MEC regarding environmental
5		stewardship?
6	A.	MEHC is committed to responsible stewardship of the environment and, in 2000,
7		adopted a policy of "Environmental RESPECT" that guides its corporate
8		commitment to the environment. MEHC is a world leader in geothermal energy
9		development and believes that good environmental management is a good
10		business practice. Once again this is revealed in MEC's performance.
11	Q.	Does MEC have a plan to address future air emission reduction
12		requirements?
13	A.	Yes. MEC in 2001 helped the state of Iowa develop and adopt an energy and
14		environmental policy reflected in House File 577. Pursuant to that law, regulated
15		utilities such as MEC develop, through a collaborative process, a multi-year plan
16		and budget for managing regulated emissions from their coal-fueled facilities in a
17		cost-effective manner. Mandatory participants in the review and approval process
18		for that plan and budget are the Iowa Utilities Board, the Iowa Office of
19		Consumer Advocate and the Iowa Department of Natural Resources. To be
20		approved, the plan and budget must: (1) meet applicable state environmental
21		requirements; (2) be expected to achieve cost-effective compliance with
22		applicable state environmental requirements and federal ambient air quality
23		standards; and (3) reasonably balance costs, environmental requirements,

1		economic development potential, and reliability of the electric generation and
2		transmission systems. The state agencies concerned with environmental matters
3		and utility rates are involved in the collaborative process with the result that the
4		reasonableness and prudence of the environmental plan is determined prior to its
5		implementation.
6	Q.	Does MEC have an approved environmental plan?
7	A.	Yes. MEC filed its first multi-year environmental plan and budget with the Iowa
8		Utilities Board and the Iowa Department of Natural Resources in April 2002.
9		That plan addressed MEC's projected air emission reductions considering
10		legislative and regulatory proposals at the time, and described a coordinated long-
11		range plan to achieve those air emissions reductions. The plan proposed specific
12		actions to be taken at each MEC coal-fueled facility and related costs and timing
13		for each action through the year 2010. The Iowa Utilities Board approved the
14		plan on July 17, 2003, covering the period April 1, 2002 to April 1, 2004, and
15		adopted a process to review the plan every two years. MEC filed its most recent
16		plan on April 1, 2004, and that plan was approved by the Iowa Utilities Board on
17		October 4, 2004. This plan covers the period from April 1, 2004 through
18		December 31, 2006.
19	Q.	Did the plan approved by the Iowa Utilities Board include the addition of
20		emissions controls?
21	A.	Yes. MEC's approved initial plan (2002 – 2004) called for installing six neural
22		networks at Council Bluffs Energy Center Unit No. 3, George Neal Energy Center
23		Unit Nos. 1-4, and Riverside Generating Station Unit No. 5 during the period

1		ending March 31, 2004. All six neural networks were installed during the 2002-
2		2004 plan period. The current approved plan (2004-2006) continues the addition
3		of $NO_X$ controls with the installation of low $NO_X$ burners and overfire air at
4		Council Bluffs Energy Center Unit Nos. 1-3, George Neal Energy Center Unit
5		Nos. 1-4, and Louisa Generating Station. Low NO <sub>X</sub> burners have been installed
6		so far at the Neal 3 and Louisa units, with work continuing on the remaining units
7		through 2007.
8	Q.	Was MEC required to make these reductions in $NO_X$ emissions?
9	A.	No. MEC has voluntarily moved forward to reduce the NOx emissions from its
10		facilities. Doing so voluntarily, in advance of required reductions, affords MEC
11		the advantages of (1) being able to appropriately plan the installation of
12		equipment during the respective units' normal outage time and duration; (2)
13		achieving cost savings by aggregating the projects into a single contract to take
14		advantage of volume discounts; and (3) achieving NO <sub>X</sub> reductions earlier,
15		allowing impacted states to begin realizing benefits sooner than a just-in-time
16		installation would provide.
17	Q.	Will these voluntary $NO_x$ reductions make a significant difference in the
18		MEC NO <sub>X</sub> emissions?
19	A.	Yes. Prior to this voluntary initiative, the MEC coal-fueled facilities had an
20		average rate of $NO_X$ emissions of 0.41 lbs/mmbtu. By the latter part of 2007,
21		with the completion of the low NO <sub>X</sub> burner installations, MEC is projected to be
22		at an average NO <sub>X</sub> emissions rate from the coal-fired facilities of 0.21 lbs/mmbtu.

1		This is a 49 percent reduction in NO <sub>X</sub> emissions that will benefit all impacted
2		states.
3	Q.	In addition to the NOx controls, do you anticipate any near-term reductions
4		in SO <sub>2</sub> and mercury?
5	A.	Yes. MEC has analyzed the Clean Air Interstate and Clean Air Mercury rules as
6		promulgated by EPA, and MEC will seek approval in July 2005 for an
7		environmental plan that includes the installation of a scrubber and baghouse at
8		Louisa Generating Station. In addition, in 2003 MEC was the first company to
9		commit to the installation of an activated carbon injection system for the control
10		of emissions at the new Council Bluffs Energy Center Unit No. 4, which is
11		scheduled to come on-line in June 2007.
12	Q.	Do you anticipate seeking approval for additional emission controls as a part
13		of the environmental plan process?
14	A.	Yes. Although compliance with the reduction requirements can be achieved by
15		installing controls or meeting the emission reduction obligations by obtaining
16		sufficient allowances to cover the annual emissions or some combination of the
17		two compliance mechanisms, I anticipate that MEC as a part of the environmental
18		planning process will seek approval for significant investments in controls
19		between now and 2018.
20	Q.	Is equivalent environmental planning required of MEC in other states where
21		it provides service?
22	A.	There are no equivalent requirements in MEC's other states, but all impacted
23		states benefit from MEC's Iowa-approved environmental activities.

# **Renewable Generation**

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2	Q.	How do you expect the transaction to affect PacifiCorp's commitment to
3		renewable generation resources?
4	A.	I expect that PacifiCorp's commitment in this area will be undiminished and
5		perhaps even strengthened by MEC's experience with owning and operating wind
6		energy facilities and MEHC's experience owning and operating geothermal
7		facilities. MEHC and MEC are leaders in the ownership of renewable resources,
8		particularly geothermal (MEHC) and wind in a regulated portfolio (MEC).
9	Q.	How much geothermal generation does MEHC own?
10	A.	Worldwide, MEHC has 14 geothermal facilities in California and the Philippines.
11		It also owns and operates an innovative hydro-electric and irrigation project in the
12		Philippines and is evaluating the development of one of the largest geothermal
13		projects (215 MW) in the world in California.
14	Q.	What is MEC's experience with wind and renewable resources?
15	A.	MEC is in the midst of constructing a 360.5 MW wind project, one of the largest
16		land-based wind projects in the world. This project was undertaken without a
17		state mandate. The project will occupy two sites in Iowa to obtain wind resource
18		diversity. In 2004, MEC placed 160.5 MW of the project into service, and
19		another 200 MW will be placed into service by the end of 2005. The sites were
20		developed in coordination with two developers, enXco, Inc. and Clipper
21		Windpower Development Company, Inc. MEC owns and operates the project as
22		part of its regulated portfolio. The all-in cost of the wind energy, with the federal

production tax credit, is projected to be about three (3) cents per kWh over the life

1 of the facilities.

In addition, MEC purchases or owns another 127.6 MW of capacity from renewable energy sources, including: wind (112.5 MW purchased capacity), hydro (3.6 MW of owned capacity), and biomass (11.5 MW of purchased capacity). MEC and another utility are also owners of Ottumwa Generating Station where supplementing Powder River Basin coal with switch grass is being tested.

Once MEC's wind farm construction is completed, and after completion of its new Council Bluffs Energy Center Unit No. 4, renewable energy in MEC's generation portfolio will equal approximately 8 percent of nameplate capacity and 5 percent of energy production, assuming a 34 percent annual average capacity factor at the MEC-owned wind project.

#### **Resource Selection**

- Q. Based on MEC's experience, how can the transaction be expected to affect PacifiCorp's resource planning process?
- A. MEHC expects its energy business platforms to follow the planning method preferred in the states where it operates. Obviously, there are limitations to such an approach. For instance, if the preferred resource planning methods, state-to-state, become so incompatible as to make efficient resource planning infeasible, some effort would need to be undertaken to harmonize the various methodologies.

I have some familiarity with PacifiCorp's resource planning process, and I am aware that it has received acclaim for its level of stakeholder input.

PacifiCorp's process is recognized as a good, sound approach to resource

planning. MEHC supports PacifiCorp's continued use of this process for its state jurisdictions.

## Q. Do MEHC and MEC prefer one variety of generation resource above others?

A. No. In recent years, MEHC business platforms have invested in a broad range of generation technologies, including coal, gas, geothermal and wind. As explained below, MEC is completing its investments in gas combined-cycle generation, super-critical western-coal-fired generation and wind generation, all pursuant to a state policy encouraging a diverse portfolio of generation. MEC also utilizes the wholesale market when prudent and cost-effective, as demonstrated by its multi-year power purchase agreements (e.g., a 250 MW purchase from the Nebraska Public Power District).

## Q. Does MEC utilize integrated resource planning?

13 Yes, in Iowa. As I have testified, energy efficiency and DSM programs are A. 14 reviewed and approved by the Iowa Utilities Board. All programs determined to 15 be cost-effective must be implemented before supply options are considered. The 16 supply options are reviewed in separate siting and rate-making principles 17 proceedings before commencement of construction. Integrated planning occurs in 18 the sense that supply options are only considered after taking into account the effects of the utility's energy efficiency and DSM programs. I recognize, 19 20 however, that there are varying degrees of integration used in different 21 jurisdictions within the United States, and the meaning of "integrated resource 22 planning" may vary significantly.

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## **Generation and Transmission Operations**

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2	Q.	Please provide some insight into MEHC's philosophy regarding operation
3		a utility's generation facilities.

Again, I will point to our experience at MEC. MEC has decades of experience operating traditional generation facilities and owning such facilities jointly with other utilities, including investor-owned, municipal and cooperative utilities.

Refer for example to Exhibit UP&L\_\_(BEG-6). MEC has some of the lowest cost coal-fueled plants in the nation. *Power* magazine, a publication for the electric generation industry, recently named MEC's Iowa-based electric plants among the best in the nation. *Power* annually ranks the country's top plants, and MEC had four among the top 22 coal-fueled plants in the category of lowest-cost producers.

MEC's experience in cooperative relationships with other utilities, public and private, and in the safe and efficient operation of base-load generating plants matches well with that of PacifiCorp. Again, our MEC experience attests to the fact that MEHC's ownership of PacifiCorp will result in a continuation of the good practices for which PacifiCorp is known.

#### Q. Has MEC invested in nuclear generation?

By virtue of a predecessor corporation's investment, MEC has a 25 percent ownership interest in both units at Quad Cities Nuclear Power Station, for a total of 437 MW of accredited capacity. The units are operated by the owner of the remaining 75 percent of the units, Exelon Generation Company, LLC ("Exelon"). In 2004, Exelon obtained license renewals from the Nuclear Regulatory

1		Commission, permitting operation of both Quad Cities units through December
2		14, 2032. These two units represent MEC's only ownership interest in nuclear
3		generation.
4	Q.	Will PacifiCorp be exposed to any additional risk as a consequence of MEC's
5		ownership of nuclear facilities and nuclear decommissioning obligation?
6	A.	No. MEC is ring-fenced. PacifiCorp will be ring-fenced as well.
7	Q.	PacifiCorp will need to construct transmission infrastructure as well as
8		generation infrastructure. What does MEHC's track record suggest with
9		respect to such endeavors?
10	A.	MEHC has recent experience with the construction of transmission facilities
11		through its MEC operations. This experience demonstrates a commitment to
12		working well with regulators and the public in siting and locating vital
13		transmission assets. I believe this to be consistent with PacifiCorp's approach.
14	Q.	Please relate MEC's recent experience with transmission.
15	A.	MEC has decades of experience operating its transmission system. Again, MEC
16		jointly owns many such facilities with other utilities, both investor-owned and
17		publicly-owned. Most recently, MEC obtained franchise authority in December
18		2004 to construct a 122-mile, 345 kV transmission line to integrate its new
19		Council Bluffs Energy Center Unit No. 4 with the grid. The new generating plant
20		will be in service in 2007; the transmission line is due to be in service in 2006.
21		The capital investment in the interconnection facilities and the system additions
22		totals approximately \$170 million. The new line itself represents approximately
23		\$128 million of investment. MEC was required to use eminent domain authority

1		with respect to only one landowner, having reached voluntary accommodations
2		for over 430 easements required along the 122-mile route.
3	Regio	onal Transmission Memberships
4	Q.	The Federal Energy Regulatory Commission continues to promote oversight
5		of utility transmission by an independent entity. What has MEHC's
6		approach been with respect to this subject?
7	A.	MEHC's approach has been similar to that of PacifiCorp, in that both companies'
8		efforts have focused upon trying to design solutions that accommodate private
9		and public utilities while balancing costs and benefits.
10	Q.	What has been MEC's experience?
11	A.	MEC's approach has been one of caution. MEC has determined that existing
12		RTO membership options (e.g., MISO and PJM) have not been in the best
13		interests of its customers due to the costs of such membership and the penalties
14		for ending membership. Given the existence of numerous publicly-owned
15		utilities in Iowa and states to the north and west of Iowa, MEC is particularly
16		concerned that unless those entities are also participants, the potential benefits
17		will be limited.
18		MEC previously sought to address this concern by joining the effort to
19		create TRANSLink, an independent transmission company that would encompass
20		both investor-owned and publicly-owned entities. Although the TRANSLink
21		proposal addressed many of the difficult issues surrounding regional operation
22		and pricing of transmission, the Minnesota Public Service Commission and the

Iowa Utilities Board in 2003 expressed concerns regarding costs and benefits.

1		The proposal was subsequently tabled. Since that time, MEC has continued to
2		monitor potential costs and benefits of other alternatives. I will outline the current
3		alternative that MEC is pursuing in my testimony regarding regulatory approvals
4		for this transaction.
5	Regul	atory Experience
6	Q.	Based on MEC's experience, what will MEHC ownership mean for
7		PacifiCorp's regulatory relationships?
8	A.	As reflected in MEC's relationships, MEHC seeks positive, constructive working
9		relationships with the regulators who monitor its utility operations. MEHC will
10		be committed to the same kind of relationships with PacifiCorp's regulators.
11	Q.	How is MEC's relationship with its state regulators?
12	A.	MEC understands the role of the public utility commission and has decades of
13		successful experience working within the regulatory framework. MEC takes
14		seriously the need to maintain its regulatory credibility. For example, in Iowa, the
15		company has worked very cooperatively and successfully within the regulatory
16		process. Through settlements in the previous five years, MEC has sited and
17		received rate-making principles orders in advance of construction for roughly \$2
18		billion in energy infrastructure and environmental investment.
19	Q.	What is MEC's experience with regulatory treatment of affiliates?
20	A.	In Iowa, MEC makes an annual filing that reflects its affiliate transactions in the
21		prior year. This filing includes a copy of the written agreements that govern its
22		affiliate transactions. In Illinois, MEC is required to obtain prior approval of

affiliate transactions unless they fall within the "ordinary course of business" or

other enumerated exemptions. For several years, MEC has had an Intercompany Administrative Services Agreement ("IASA") that governs the provision of routine services between MEC and its affiliates. This IASA has been reviewed and approved by Iowa and Illinois regulators. MEHC witness Specketer provides a copy of the IASA with his testimony and explains its operation.

On the whole, our experience with affiliate transactions has been uncomplicated. I would note, however, that we have a pending proceeding in Illinois wherein the Illinois Commerce Commission staff examined MEHC's transfer of two new gas turbines to MEC in 2001 for the Greater Des Moines Energy Center ("GDMEC"). MEC did not seek prior approval of the transaction because MEC believed the law and regulations exempted the transaction from the need for approval. A hearing examiner for the Illinois Commerce Commission determined the exemption was not available. In an effort to resolve the matter without further litigation, MEC has proposed to Iowa and Illinois regulators that the portion of GDMEC that would have been allocated to Illinois be allocated to Iowa. The Iowa Office of Consumer Advocate supports this approach, and this resolution is proceeding through the regulatory process.

1	Oper	rations in States with Retail Access
2	Q.	PacifiCorp's service territory includes both a state that operates on a model
3		of competitive electric supply ("retail access") and states that operate on a
4		model of traditional regulated electric service. Based on MEC's experience,
5		how will the transaction affect PacifiCorp's view of this kind of mixed service
6		area?
7	A.	Based on MEC's experience, the transaction should have no impact in that regard
8		since MEC also has experience serving in states with and without retail access.
9		MEHC and MEC support the right of a state to determine whether or not to
10		implement retail access.
11		Illinois has offered electric retail choice since 1999, following enactment
12		of a law in 1997. Thus, MEC operates in two states (Iowa and South Dakota) that
13		do not have electric retail access and one state (Illinois) that does. This makes
14		MEC's experience similar to PacifiCorp's in that both utilities need to be able to
15		conduct their utility businesses in states with varying positions regarding retail
16		choice.
17	Q.	Has MEC been supportive of retail access for electric customers?
18	A.	MEC has been supportive of retail access in Illinois and participated in drafting
19		the 1997 restructuring legislation in that state. Since the law's passage, MEC has
20		supported several implementation measures designed to promote effective
21		competition in Illinois.
22		In Iowa, MEC took a leadership role in advancing retail access legislation,

but Iowa elected not to pursue retail access. MEC's response was to work with

- Iowa's Governor, lawmakers, regulators and consumers to develop an energy and environmental policy for the state, using the regulatory model Iowa prefers.

  Again, MEHC expects its energy business platforms to operate on either model, regulated or competitive, depending on the state's preference.
- **5** Serving Communities
- Q. What will MEHC's ownership of PacifiCorp mean for the communities that
   PacifiCorp serves?
- 8 A. Based on MEC's experience, they can expect a continued focus on good service
  9 and good corporate citizenship.
- 10 Q. What efforts does MEC's undertake in the area of community leadership?
- 11 A. A key effort is MEC's Community Contact Program, which relies on the 12 volunteer efforts of some 170 MEC employees who represent MEC in 13 approximately 225 communities in Iowa, Illinois and South Dakota. These 14 employees advise MEC of community needs and represent MEC in the 15 community. Each of the 170 employees has a small discretionary budget from 16 which grants are awarded in their communities. In addition, these employees 17 participate in community meetings (e.g., city council) and relay community needs 18 that MEC may be able to satisfy (e.g., moving poles, digging holes, providing in-19 kind contributions to volunteer fire departments, sponsoring floats in community 20 parades, sponsoring local events, etc.). These 170 employees also provide MEC 21 support for community activities such as local environmental clean-up efforts and 22 tree planting projects on Earth Day and Arbor Day. They also serve as channels 23 for communicating any community complaints about MEC's quality of service.

As a result, the city councils in these 225 communities know who to contact regarding concerns with MEC.

MEC is also actively engaged in the annual United Way campaigns of the twenty communities it serves that have such campaigns. MEC actively encourages its employees to contribute to such campaigns and matches employee contributions dollar for dollar, up to a maximum value of \$436,000. MEC also promotes employee involvement in local Rotary, Chamber, Kiwanis and economic development organizations.

In addition to MEHC's corporate gift-matching program, MEHC shareholders fund an innovative program called Global Days of Service. This program encourages employees to volunteer time for charitable and educational organizations through a shareholder contribution to the organizations based upon employee hours volunteered. Employees simply keep track of the number of hours spent in volunteer work for charitable groups [501(c)(3) IRS designation] and for educational institutions worldwide. Employees submit a form listing the number of hours (over eight) they have volunteered. At the end of the program year, the shareholder contribution amount is divided among qualifying organizations based upon the volunteer hours worked.

## Q. Does MEC support economic development in the communities it serves?

20 A. Yes. Refer to the letters in Exhibit UP&L\_(BEG-6) for examples of confirmation.

1	Denv	very of Transaction Benefits
2	Q.	Please describe how you envision the delivery of the benefits of the
3		transaction to PacifiCorp customers.
4	A.	MEHC expects the benefits of the transaction to be delivered to all customers in
5		all jurisdictions via rate case proceedings and using PacifiCorp's recently
6		established multi-state allocation protocol when appropriate.
7	Q.	What impact would the transaction have on the degree of regulatory
8		oversight this Commission has over PacifiCorp?
9	A.	It would have no impact. The Commission will continue to exercise the same
10		degree of regulatory oversight over PacifiCorp as it does today.
11	Q.	Will MEHC offer rate credits, rate reductions or rate freezes as a part of the
12		benefits of the proposed transaction?
13	A.	No. We believe the demonstrable benefits of the transaction discussed in the
14		testimonies should be more than sufficient to satisfy the standards for the
15		acquisition.
16		Moreover, rate credits are simply a proxy for capturing the costs and
17		benefits of a transaction between rate proceedings. In the case of PacifiCorp,
18		such a proxy is unnecessary given the planned rate proceedings. These rate
19		proceedings will incorporate new investment into rate base and any cost
20		reductions in cost-of-service.
21		Finally, PacifiCorp is currently failing to earn its allowed return.
22		Providing rate credits, reductions or freezes under such conditions would simply
23		worsen PacifiCorp's financial performance. This could precipitate ratings

1		downgrades and higher financing costs. Going forward, as PacifiCorp strengthens
2		the infrastructure, investment and rate treatment of that investment must be
3		implemented in a manner that is fair to customers, employees and shareholders.
4	Q.	What impact will the commitments made by MEHC and PacifiCorp have
5		upon the rate increases projected by PacifiCorp?
6	A.	We do not expect that the commitments that we are offering will cause an
7		increase in the percentage discussed in PacifiCorp witness Johansen's testimony.
8		Please also note the commitment, Revenue Requirements Impacts B, of Exhibit
9		UP&L(BEG-1).
10	Revi	ew and Approval of the Transaction
11	Q.	Please describe the various reviews and/or approvals of the transaction that
12		MEHC anticipates.
13	A.	Following are the shareholder and regulatory reviews anticipated with respect to
14		the proposed transaction:
15		• approval of the shareholders of ScottishPower;
16		• approval and/or waiver from the public utility commissions in the states of
17		California, Idaho, Oregon, Utah, Washington, and Wyoming;
18		• approval of the transfer of the Trojan spent fuel storage license by the U.S.
19		Nuclear Regulatory Commission;
20		approval of the transfer of jurisdictional facilities by the Federal Energy
21		Regulatory Commission ("FERC") under Section 203 of the Federal
22		Power Act;
23		approval by FERC of revisions to the open access transmission tariffs of

1		Facincorp and MEC and approval of their joint operating agreement
2		under Section 205 of the Federal Power Act;
3		• authorization by the U.S. Securities and Exchange Commission ("SEC")
4		of MEHC's acquisition (and ScottishPower's sale) of PacifiCorp;
5		• authorization by the SEC to enable MEHC and its subsidiaries to operate
6		as a registered holding company system and engage in ongoing financing
7		and investment activities and other transactions following registration of
8		MEHC as a public utility holding company under the federal Public Utility
9		Holding Company Act of 1935 ("PUHCA");
10		• review of the proposed transaction by the U.S. Department of Justice
11		under the Hart-Scott-Rodino Act; and
12		• approval by the Federal Communications Commission of the change of
13		control with respect to certain communication licenses held by PacifiCorp.
14	Q.	Is this transaction contingent upon repeal of PUHCA?
15	A.	No.
16	Q.	Do you expect the proposed acquisition to be authorized by the SEC under
17		PUHCA?
18	A.	Yes. Based on discussions with SEC staff and the assessments of legal counsel,
19		we expect the transaction to be authorized by the SEC under the terms and
20		precedents of PUHCA. We believe we can demonstrate that the acquisition will
21		satisfy the standards under Section 10 of PUHCA that require a utility acquisition
22		to be for reasonable and fair consideration, to not unduly concentrate control of
23		public utilities, to not unduly complicate the capital structure of utility systems,

and to tend towards the development of an integrated public utility system.

A.

The consideration for the transaction was the result of arms-length bargaining. The acquisition does not create an unduly large utility company, compared to many others in the U.S., particularly in terms of number of customers served. The transaction does not result in a complicated capital structure, since the capital structure is one already accepted for MEHC.

- Q. How do you plan to satisfy PUHCA's requirement that PacifiCorp and MEC must be capable of interconnection and coordinated operations and be within a single area or region?
  - As discussed in MEHC witness Gust's testimony, the companies plan to obtain a contract path that will permit them to transfer power between themselves. Mr. Gust also explains the joint operating agreement that will allow coordinated operations.

We believe the integrated system also will satisfy the so-called single area or region requirement of PUHCA. The utilities operate in contiguous states, in contrast to many approved and pending transactions involving PUHCA registered holding companies. Refer to my Exhibit UP&L\_(BEG-7). The PacifiCorp/MEC states form a region characterized by relatively low population density and local economies tied to the land (agriculture, forestry, and mining). The region is also characterized by a preponderance of public power entities and large transmission systems relative to load. See Exhibit UP&L\_(BEG-2). There are other factors which support our opinion, and these will be set forth in our SEC filing which will be made available to the parties in this Docket.

1	Q.	If PUHCA is repealed, will MEHC continue to pursue the acquisition of a
2		transmission path between PacifiCorp and MEC?
3	A.	MEHC would continue to pursue acquisition of a transmission path if it were
4		economically justified.
5	Q.	How will the costs of the transmission services associated with the path be
6		treated by MEHC and PacifiCorp for ratemaking?
7	A.	MEHC and PacifiCorp commit not to seek to include PacifiCorp's share of the
8		costs of the transmission services associated with the path in PacifiCorp's rates
9		except to the extent that benefits to customers can be shown to offset the costs.
10	Q.	MEHC's organization as a registered holding company under PUHCA will
11		mark a change in MEHC's status. Please explain the implications of this
12		change in status for PacifiCorp.
13	A.	After the transaction, MEHC will be a registered holding company, subject to the
14		full regulatory regime of PUHCA. MEHC will form a shared services company
15		("ServCo") that will perform a small number of management services for MEHC
16		subsidiaries. MEHC witness Specketer addresses the ServCo in greater detail in
17		his testimony. Otherwise, MEHC's status as a registered holding company will
18		have minimal impact on PacifiCorp, which will operate as a stand-alone business
19		platform.
20	Mark	et Monitor and Transmission Services Coordinator
21	Q.	Please describe the Market Monitor Proposal that MEHC has put forward in
22		connection with its proposed acquisition of PacifiCorp.
23	A.	Under the proposal, MEC and PacifiCorp would each contract with a market

1		monitor to assure nondiscrimination in the management of each company's
2		transmission systems commencing on the day of the closing of the acquisition. A
3		market monitor is an independent organization retained to review, on an after-the-
4		fact basis, transmission system operations necessary to ensure the transmission
5		provider does not favor its wholesale merchant function or any energy affiliate.
6		The market monitor would review and report to the FERC on such matters as the
7		utility's performance of the following transmission functions:
8		• generation dispatch and potential impacts on constrained facilities,
9		• actions to relieve constrained facilities,
10		• derating of transmission facilities, and
11		• ratings and other data used for total transfer capability calculations.
12	Q.	What are the expected costs to PacifiCorp of the market monitor?
13	A.	Bids for the market monitor services have not yet been solicited. However, we
14		estimate that the on-going costs to PacifiCorp will be about \$200,000 annually.
15	Q.	Does the market monitor proposal impact the development of Grid West?
16	A.	No. The efforts are complementary. For example, it is possible that some market
17		monitor services may be provided as an early service by Grid West. When Grid
18		West is fully operational it should obviate the need for a market monitor for
19		PacifiCorp, since Grid West would be providing non-discriminatory transmission
20		services to multiple parties including PacifiCorp.
21	Q.	Will Grid West also serve MEC?
22	A.	No, at least not for the foreseeable future. Subject to regulatory approval, MEC is
23		planning to enter into a contract with an outsource provider of transmission

services to be known as the transmission service coordinator ("TSC"). The TSC initially will administer or oversee only MEC's transmission assets. However, MEC is working with other utilities located to its west that currently are not part of any regional transmission organization to consider having them also use the TSC. Ultimately, the TSC may provide transmission services to an area abutting that of Grid West. At such time, it may be appropriate to put into place a seams agreement between the TSC and Grid West to enhance transmission system coordination among transmission users in the states served by PacifiCorp and MEC.

## **Proposed Schedule**

- Q. When does MEHC expect to complete the process of obtaining all of the foregoing approvals and reviews?
- A. We very much want to complete all of the state approvals by February 28, 2006, in time to close on the transaction on or before March 31, 2006. This is an important transaction for PacifiCorp customers, employees and communities. In order to mitigate the ill effects of uncertainty and expedite the delivery of important benefits, we respectfully request that the Commission act in a manner that will facilitate an order by February 28, 2006.

Closing on that date will also facilitate the transition of PacifiCorp's financial reporting from a fiscal year ending March 31 as used by Scottish Power to a calendar fiscal year consistent with how MEHC companies report their financial statements. Such calendar year reporting is also consistent with regulatory reporting, which should enable regulators to utilize a single year's

audited financial statements rather than have regulatory reporting span two fiscal years.

In connection with this request, I would note that the SEC has told us that it will not act in advance of approvals from the respective state public utility commissions. The SEC's policy in this respect is founded on their desire to avoid pressuring the states to act in a particular manner, to avoid rendering decisions on theoretical transactions, and to avoid impacting share prices and value by having an extended period between its approval and closing. Thus, I would respectfully ask the Commission not to delay its ruling on the acquisition in the hope that the SEC will rule first.

## 11 Q. Does this conclude your testimony?

12 A. Yes, it does.