

**BEFORE THE
CORPORATION COMMISSION OF THE STATE OF OKLAHOMA**

IN THE MATTER OF THE APPLICATION)
OF **OKLAHOMA GAS AND ELECTRIC**)
COMPANY FOR AN ORDER OF THE)
COMMISSION GRANTING PRE-APPROVAL)
TO CONSTRUCT A TRANSMISSION LINE,)
AUTHORIZING A RECOVERY RIDER AND)
APPROVING OTHER ASSOCIATED TARIFFS)
IN REGARD TO ITS RENEWABLE PLAN)

CAUSE NO. PUD 200800148

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CORPORATION COMMISSION
OF OKLAHOMA

Direct Testimony

of

Jesse B. Langston

On behalf of

Oklahoma Gas & Electric Company

May 19, 2008

I. INTRODUCTION

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Q. Please state your name, your employer, and your business address.

A. My name is Jesse B. Langston. I am employed by Oklahoma Gas and Electric Company ("OG&E" or "Company") and my business address is 321 N. Harvey, P. O. Box 321, Oklahoma City, Oklahoma 73101.

Q. What position do you hold with OG&E?

A. I am Vice President of Utility Commercial Operations. I have served in this capacity for over 2 years. Prior to assuming my current duties, I served as Director of Corporate Planning for OGE Energy Corporation for approximately four years where my primary duties were to lead the Company's corporate and business strategy development. My current responsibilities include the Company's resource planning efforts. The resource planning team assesses OG&E's power supply requirements and evaluates the resources needed to meet these requirements at the lowest reasonable cost, with due consideration of risk factors.

Q. Please summarize your professional experience and educational background.

A. I have been employed by OG&E since 1985 and have over 20 years of experience in the electric utility industry in various areas including corporate planning, business planning, engineering, transmission, distribution, metering, end-use forecasting, load forecasting, telecommunications, corporate marketing, demand-side management and generation planning. Over the past few years, I have led a number of significant initiatives within the Company including the acquisition of McClain (a 400MW natural gas combined cycle plant), the development of Centennial (a 120MW wind farm) and the acquisition of a 51% ownership interest in Redbud (1230 MW natural gas combined cycle plant). I hold an MBA from Oklahoma City University (May 2002) and a Bachelor of Science degree in Electrical Engineering from Oklahoma State University (1985).

1 Q. **Have you testified previously before the Oklahoma Corporation Commission**
2 **("Commission")?**

3 A. Yes. I have testified before the Commission on several occasions that are each related to
4 OG&E's power supply planning activities. I first testified in Cause No. PUD 200300564
5 related to a request by PowerSmith for purchased power rates and a power purchase
6 contract with OG&E. I testified in Cause No. PUD 200500151 regarding the decision-
7 making process that led to OG&E's acquisition of a 77 percent ownership interest in the
8 combined cycle, gas-fired McClain generating facility. I testified in Cause No. PUD
9 200500059 regarding OG&E's request for approval to construct the Centennial Wind
10 project. I testified in Cause No. PUD 200700012 regarding OG&E's application for pre-
11 approval of joint development and ownership of Red Rock, a 950 MW ultra-supercritical
12 coal plant. Most recently, I filed testimony in Cause No. PUD 200800086 regarding
13 OG&E's application for pre-approval of the acquisition of a 51% interest in Redbud, a
14 state-of-the-art 1230 MW combined cycle natural gas fired power plant.

15

16 Q. **What is the purpose of your testimony?**

17 A. I will describe OG&E's initiative to deliver the benefits of Oklahoma's vast wind
18 resources to OG&E's customers, which I refer to as the OG&E Renewable Plan. The pre-
19 approval for construction of a new 345 kV transmission line from western Oklahoma to
20 Oklahoma City is the foundation of the Renewable Plan as it is not possible to
21 significantly expand wind generation without new transmission facilities. I will describe
22 the benefits of the Plan to our customers and to the State of Oklahoma and discuss
23 analyses that demonstrate these benefits. Finally, I will describe certain timing aspects of
24 the Renewable Plan including the relationship between receipt of pre-approval of the
25 transmission line and the development of wind generation as well as how the
26 Commission's decision impacts our ability to move forward on an expeditious basis.

27

28 Q. **Please summarize OG&E's request in this filing.**

29 A. The addition of wind energy to OG&E's system, the construction of transmission needed
30 to deliver that energy, and the proposed renewable tariffs that provide customers with the
31 ability to more directly benefit from renewable wind energy comprise OG&E's

1 "Renewable Plan". In this application, OG&E is asking for approvals which address two
2 of those components, transmission and customer tariffs.

3 The construction of this 345 kV transmission line from western Oklahoma is the critical
4 first step in OG&E's initiative to develop 600 MW of new wind generation by 2012.
5 That plan begins by acquiring the first 300 MW of new wind energy in 2010. Pre-
6 approval of the transmission line is critical because it will provide the assurance
7 necessary for wind developers to participate in the request for proposal (RFP) process
8 and offer the lowest reasonable prices for wind energy.

9 As discussed in the testimony of Mr. Crissup, the 345 kV line represents an efficient
10 investment necessary to deliver wind energy from western Oklahoma to OG&E and is the
11 important first step in extending transmission into Guymon, Oklahoma to support the
12 desire of OG&E and others to acquire additional wind energy. It has been extensively
13 studied by the Southwest Power Pool ("SPP") and deemed a "valid option" to unleash the
14 potential for wind energy in western Oklahoma. Thus, it is also fundamental to achieving
15 the best value for our customers for a second 300 MW block of wind energy in 2011 or
16 2012.

17
18 **Q. Is OG&E also seeking approval in this application for an additional 600 MWs of
19 wind energy?**

20 **A.** No. OG&E will seek Commission approval in a future proceeding of any contract for the
21 purchase of wind energy or for OG&E's development of a wind generation facility.

22
23 **Q. What other witnesses are supporting OG&E's application?**

24 **A.** The three other witnesses and their respective testimony areas are presented in Table 1.
25

Table 1

Witness	Title	Testimony Areas
Roger Walkingstick	Director, Costing & Pricing	Changes to OG&E's tariffs including a transmission cost recovery rider and Renewable Energy Program Tariff as well as the projected customer impact
Philip L. Crissup	Director, Regional Transmission Affairs	Transmission development efforts and necessity for 345 kV line from Woodward to support wind generation, transmission development efforts including necessary approvals, construction cost estimate, and development of revenue requirement
Leon Howell	Manager, Resource Planning	OG&E's resource planning analysis supporting the Renewable Plan

1 **II. BENEFITS OF OG&E'S RENEWABLE PLAN**
2 **FOR CUSTOMERS AND THE STATE OF OKLAHOMA**

3 Q. **How will OG&E's customers benefit from the Renewable Plan?**

4 A. The Renewable Plan will enable OG&E to satisfy our customers' growing desire for
5 renewable resources of electricity. The expansion of wind as part of our supply portfolio
6 will protect customers from higher than expected fuel prices and the risks of high costs
7 associated with future environmental mandates. Our proposed Renewable Energy
8 Program (REP) tariff, among other tariff proposals sponsored by Mr. Walkingstick, will
9 allow customers to purchase renewable energy credits (REC) should they desire to do so.
10 One REC is equivalent to the environmental, social and other positive attributes of power
11 generated by one MWh of renewable generation. Retail customers can also elect to
12 receive 100% of their energy from green sources.

13 Q. **Has OG&E examined the impact of additional wind energy in its generation**
14 **portfolio?**

15 A. Yes. OG&E performed extensive resource planning analyses that is described in the
16 testimony of Leon Howell. These are the same analyses discussed by Mr. Howell in
17 Cause No. PUD 200800086, OG&E's request for approval of its acquisition of a 51%
18 interest in the Redbud generation facility. More specifically, OG&E modeled the effects
19 of wind generation in increments of 320 MW, 640 MW and 1,280 MW¹ combined with
20 coal and natural gas production options. OG&E concluded that a resource plan that
21 included 640 MW of wind generation (along with expanded DSM programs and natural
22 gas capacity) was the preferred plan from a cost and risk perspective.

23
24 Q. **Are there other factors that support adding additional wind to OG&E's portfolio?**

25 A. Yes. As I mentioned previously, the addition of 600 MW of wind generation to OG&E's
26 system provides OG&E's customers with an effective hedge against rising natural gas
27 and emission prices. There is considerable uncertainty regarding the form and timing of
28 new federal carbon regulations with new legislation expected to be enacted by the next
29 Congress. In fact, the analyses performed by Leon Howell shows that in a high CO₂ price

¹ OG&E's standard resource planning analyses assume that additions of wind occur in 80 MW increments.

1 and high natural gas price scenario, the addition of 640 MW of wind energy to OG&E's
2 system provides approximately \$635.0 million in savings, on a net present value basis,
3 relative to a portfolio that has no additional wind.
4

5 **Q. Does the Renewable Plan also provide benefits to the State of Oklahoma?**

6 A. Yes. Many Oklahomans have recognized that western Oklahoma provides a vast, and
7 largely untapped, wind resource. It has been estimated that future wind development in
8 western Oklahoma could reach up to approximately 10,000 MW of production. In
9 addition to the very substantial customer benefits I have noted, development of
10 Oklahoma's wind resources will benefit the Oklahoma economy in terms of additional
11 infrastructure investment, employment, tax revenue and environmental benefits. An
12 expansion of Oklahoma's clean wind energy also provides environmental benefits to
13 Oklahoma's residents and has the potential to provide environmental benefits to our entire
14 region. To fully realize these benefits it will be critical to significantly improve the
15 transmission service from Guymon and the entire Oklahoma panhandle.
16

17 **Q. Are other electric utilities expanding their reliance on wind energy and other
18 renewable sources of energy?**

19 A. Yes. Many utilities must respond to renewable portfolio standards ("RPS") established
20 by state legislatures. As of April 2008, twenty-five states and Washington D.C. had
21 mandatory RPS policies and several other states had non-binding policies. RPS is being
22 given serious consideration at the federal level. OG&E has historically opposed state and
23 federal RPS mandates because we believe mandates generally result in artificially
24 inflated prices to our customers. While OG&E's Renewable Plan addresses the potential
25 for RPS, we are pursuing this approach because it is economical for our customers and
26 has the added advantage of insulating our customers from the prospect of very high
27 natural gas prices and legislation that makes it costly to emit greenhouse gases ("GHG").
28

29 **Q. How has the increase in concern about GHG emissions impacted the industry?**

30 A. The concern about GHG emissions appears to have been a factor in various states
31 advancing policies in favor of renewable energy, strategic investment in transmission, a

1 renewed commitment to demand side management (“DSM”), and demand response
2 measures. GHG legislation and RPS have been a prime topic for the past year and should
3 continue to be a topic of interest in the coming year.
4

5 **Q. What impact have these concerns had on the development of wind generation?**

6 A. Wind generation is now the fastest growing renewable energy source in the United States.
7 As of 2006, the U.S. had nearly 12,000 MW of wind energy generating capacity. Wind
8 generation, as a renewable energy source, is becoming more prevalent having grown
9 from providing roughly 1% of electricity from renewable sources in 1990 to nearly 7% in
10 2008. The rate of growth between 2001 and 2006 averaged between 20% and 25%. The
11 American Wind Energy Association states that the electric utility industry installed 5,255
12 MW of additional wind generation in 2007, thus increasing total wind capacity to about
13 17,000 MW.²
14

15 **Q. Why do you believe wind generation is the fastest growing renewable energy
16 source?**

17 A. This is partially due to advances in technology but is also true because of continuing
18 federal support through production tax credits (PTC) and perhaps more importantly, it
19 does not require either fossil or nuclear fuels to operate nor is it exposed to emission
20 costs. Even though the increasing demand for wind energy and the rising cost of
21 construction worldwide has made wind power more expensive to build as compared to,
22 for example, the Centennial wind farm, it remains one of the most cost efficient
23 renewable energy sources to construct.
24

25 **Q. Does this rapid expansion of wind have any impact on OG&E's development
26 efforts?**

27 A. Yes. OG&E will be competing to attract the interest of wind developers that must decide
28 which markets are the most attractive. The presence of sufficient transmission to deliver
29 the developers' energy moves western Oklahoma to the front of the list of attractive
30 markets and our customers will benefit from a more robust RFP process. If Oklahoma

² Source: Moody's Global Corporate Finance, March 2008, page 9.

1 does not have the transmission infrastructure in place, there is a very real chance
2 significant wind development will occur everywhere else except Oklahoma.
3

4 III. THE NEED FOR NEW TRANSMISSION FACILITIES

5 Q. Does OG&E currently have wind generation in its portfolio?

6 A. Yes. OG&E's portfolio includes 170 MW of wind capacity. OG&E entered into a PPA
7 with FPL Energy in 2003 for 50 MW from the Sooner Wind facility. As intended, the
8 Sooner facility provided OG&E with an understanding of the unique operational aspects
9 of wind generation as well as a greater appreciation for the benefits that it provides to our
10 customers. Based on this experience, OG&E decided to construct the 120 MW
11 Centennial wind facility near Fort Supply Oklahoma in 2006.
12

13 Q. How has OG&E's existing wind generation benefited customers?

14 A. Wind generation on OG&E's system today provides significant fuel and environmental
15 benefits to our customers. We estimate that in 2007 more than 236,000 tons of CO₂ were
16 offset by displacement of fossil fuel generation and our customers' bills were lower due
17 to the Company's 170 MW of wind generation.
18

19 Q. How will further expansion of OG&E's commitment to wind generation benefit
20 customers?

21 A. Expanding OG&E's commitment from 170 MW to 770 MW of wind is estimated to
22 increase these annual savings to more than 1,653,000 tons of CO₂. Based on our forecast
23 of CO₂ costs and natural gas prices, the proposed wind projects exclusive of transmission
24 are about a break even to our customers. However, if future natural gas prices and CO₂
25 costs are higher than expected, the addition of wind generation will provide major
26 savings to customers.
27

28 Q. Can significant wind development be supported by today's transmission
29 infrastructure?

30 A. No. To support meaningful wind development in Oklahoma, the existing transmission
31 system must be expanded. There is an existing 138 kV transmission system that extends

1 from Guymon through the Woodward service area to Oklahoma City. This 138 kV
2 system is already loaded to near capacity and additional wind generation capacity will
3 require significant and costly expansion to the existing 138 kV system or the construction
4 of new, larger capacity lines.

5
6 **Q. Has OG&E compared an expansion of the existing 138 kV system to development of**
7 **a new 345 kV transmission line?**

8 **A.** Yes. Phil Crissup describes in detail the costs for constructing the proposed 345 kV line
9 and discusses both the costs and limitations associated with expanding the existing line.
10 The Company concludes that it is considerably more efficient to build a 345 kV line
11 accommodating multiple incremental wind projects rather than upgrading the current 138
12 kV system in a "piece meal" fashion for each separate project. Mr. Crissup's analysis
13 demonstrates that the existing 138 kV system will require significant upgrades each time
14 a new wind facility is added. In addition, SPP's plan for the expansion of the
15 transmission system in western Oklahoma, including a new Woodward to Guymon line,
16 would eventually displace the current 138 kV system and strand much of those very
17 expensive upgrades. Also, the placement of transmission plant does not happen
18 overnight, and the time required for each sequential upgrade to the transmission system
19 as each wind farm is built will not only strain the system during construction periods but
20 will certainly slow, if not preclude many wind projects.

21
22 **Q. Has the need for new transmission facilities to deliver wind energy been recognized**
23 **by the Oklahoma Legislature?**

24 **A.** Yes. The legislature has recognized the potential benefits of wind generation for
25 Oklahoma customers and the Oklahoma economy, as well as the need for new
26 transmission capacity in order to make this a reality. As described by Mr. Crissup, the
27 Oklahoma legislature created the Oklahoma Electric Power Transmission Task Force
28 ("OEPTTF") and requested a transmission study by the SPP. The study concluded that
29 significant expansions of 345 kV systems from western Oklahoma to regional market
30 areas warrant serious consideration. HB 2813, which supports transmission construction

1 to facilitate the expansion of wind generation, is an example of the legislature proactively
2 positioning Oklahoma as a leader in renewable energy.

3
4 **Q. Have other states found that construction of new transmission facilities is necessary**
5 **to deliver renewable generation to load centers?**

6 A. Yes. It is increasingly becoming more common for state governments and regulated
7 electric utilities to recognize existing transmission infrastructure as a significant
8 limitation on the development of renewable generation. Several states, including
9 California and Nevada, are finding it difficult or impossible for their utilities to meet
10 current RPS mandates without investments in transmission lines.³ Recognizing this
11 transmission infrastructure deficiency, the North American Electric Reliability
12 Corporation (NERC) indicates that RPS mandates should include associated transmission
13 investment.

14 In responding to the transmission deficiencies, states and transmission grid operators are
15 becoming more proactive in encouraging transmission investment. For example,
16 Colorado and California have taken the initiative to establish mandates and incentives to
17 facilitate transmission infrastructure investment.

18 In January 2007, legislation was enacted in Colorado that requires electric utilities to
19 submit biennial reports that: (a) designate renewable “energy resource zones” (“ERZ”s);
20 (b) identify plans for accessing ERZs; and (c) evaluate strategies for using transmission
21 investment to promote local ownership of renewable energy. Further, that legislation
22 allows for electric utilities to recover planning, development and construction costs for
23 authorized transmission facilities through a rate adjustment clause.

24 In 2007, the California Independent System Operator (“ISO”) received approval from the
25 Federal Energy Regulatory Commission (“FERC”) for a transmission interconnection
26 category for location-constrained renewable energy resources. For such resources,
27 transmission facilities would be constructed prior to the development of renewable

³ The California Energy Commission does not expect that California’s investor owned electric utilities will meet the states RPS requirements for 2010 because of insufficient transmission infrastructure. Similarly, the Nevada Power Company says it will not be able to comply with the Nevada RPS requirements without a transmission line connecting Nevada Power Company with Sierra Pacific Power Company.

1 energy projects and the costs for that construction would be initially recovered through
2 the California ISO transmission charge.

3 Similarly, several states, including New Mexico, Colorado, Kansas, Wyoming, North
4 Dakota, South Dakota and Idaho, have formed transmission infrastructure authorities for
5 the purpose of issuing revenue bonds for financing new transmission investment. Many
6 of these transmission infrastructure authorities are required, at least in part, to support
7 transmission projects that provide service for renewable or clean energy sources.

8 9 IV. TIMING CONSIDERATIONS

10 Q. **Please describe the timing considerations that will affect the development of wind
11 generation in transmission constrained areas.**

12 A. The best locations for wind generation are often in remote areas that have minimal load
13 and limited transmission capacity developed to serve that load. This creates a "chicken or
14 the egg" dilemma as the transmission development effort requires customers to step
15 forward and commit to using the line, yet, wind developers are reluctant to develop or
16 even to participate in RFPs unless they are assured that the necessary transmission will be
17 in place. This is one outcome of the movement to competitive generation markets. Wind
18 developers, particularly in the current market, have many alternatives and do not need to
19 participate in the more speculative markets. Competition for wind turbines is strong and
20 turbines will be dedicated to the projects most likely to be developed.

21
22 Q. **How is western Oklahoma impacted?**

23 A. Western Oklahoma is a classic example of the situation I have just described. More
24 specifically, the first step in the development of western Oklahoma wind involves several
25 interrelated actions which must be completed in close proximity to each other. The four
26 basic building blocks are:

- 27 • SPP authorization to construct the 345 kV line;
- 28 • Pre-approval of OG&E's construction of this transmission line by the OCC in the
29 current proceeding;
- 30 • Conduct an RFP for wind generation which allows bidders to price wind energy
31 based on transmission services provided over an in-service 345 kV line; and

- Construction of the 345 kV line in a timely fashion.

3 **Q. Has OG&E undertaken any steps to begin the process for developing wind energy**
4 **for its customers?**

5 A. Yes. OG&E has notified the SPP of its intent to build a 345 kV line from Woodward to
6 Oklahoma City, subject to approval of this request by the OCC. As discussed by Mr.
7 Crissup, OG&E has also initiated the engineering work and right-of-way acquisition
8 process for the proposed 345 kV line. However, for OG&E to continue investing in the
9 transmission line, the Company needs assurance from the Commission that continued
10 investment would be prudent.

11 In addition, OG&E is working with a Commission-approved Independent Evaluator to
12 finalize an RFP to solicit bids to provide up to 300 MW of wind generation to OG&E's
13 customers. OG&E is prepared to issue this RFP as soon as it receives pre-approval for
14 the associated transmission investment. Our goal is to take delivery for this first phase of
15 wind energy during 2010. OG&E plans to issue a second RFP in 2009 to fulfill the
16 remainder of its 600 MW goal. OG&E hopes to receive delivery for this second phase of
17 wind energy during either 2011 or 2012.

18
19 **Q. How does the pre-approval of the proposed transmission line relate to the RFP?**

20 A. As I've discussed, pre-approval is essential in order to attract sufficient interest in the
21 RFP. The primary expense for wind developers is the cost of turbines which are in great
22 demand both in the United States and world-wide. Consequently, manufacturers require
23 very substantial reservation fees, progress payments and cancellation fees for their
24 turbines. Prospective bidders must obtain the necessary turbine commitments prior to
25 submitting their bids but they will not submit a bid unless they have assurance that the
26 energy produced by the turbines can be transmitted when they go on line or shortly
27 thereafter. The RFP asks bidders to assume that the transmission line is in place for the
28 purposes of interconnecting a new wind generation project to the SPP system. This
29 provision of the RFP allows bidders to base their price on the assumption that they can
30 deliver the energy from the wind farm into OG&E's system in 2010. This provision is

1 essential for a robust competitive bid process with more bidders, multiple bid options and
2 better pricing alternatives.

3
4 **Q. Are there any other timing factors that contribute to a desire to move quickly to**
5 **develop wind generation?**

6 A. Yes. Construction costs for all production resources as well as transmission plant have
7 increased substantially in recent years. For example, between January 2004 and January
8 2007, the costs of steam generation plant, transmission projects and distribution
9 equipment rose by 25 to 35 percent. Generally, these cost increases have evolved due in
10 part to the higher cost of raw materials and skilled labor. However, costs for engineering,
11 procurement and construction firms have also risen largely due to the global demand for
12 their services.

13
14 **Q. Are costs also increasing for developing wind energy production?**

15 A. Yes. For example, the U. S. Department of Energy (“DOE”) issued a report in May 2007
16 finding that wind generation costs were increasing for new projects. As part of its
17 findings, the DOE found that prices for wind turbines, the largest cost component for
18 wind generation plant, increased by more than \$400 per kW between 2002 and 2006,
19 amounting to an increase of approximately 60 percent.⁴

20
21 **Q. Can wind energy be provided to OG&E’s customers more cost effectively if**
22 **construction begins sooner rather than later?**

23 A. Yes. In my opinion, unless the Company acts promptly, our customers will bear higher
24 energy costs in satisfying their demand for renewable energy. As discussed above, the
25 cost of construction for both wind farms and transmission is rising rapidly. Given the
26 worldwide demand for wind generation turbines, rising costs for skilled labor, materials
27 and demands for construction management, OG&E believes that the cost of constructing
28 wind generation and the transmission to deliver it will continue to increase.

⁴ Please see U. S. Department of Energy, *Annual Report on U. S. Wind Power Installation, Cost and Performance Trends: 2006*, Figure 21, page 16.

1 **V. REQUESTED FINDINGS AND CONCLUSIONS**

2 **Q. Please summarize the approvals that OG&E is seeking through this application.**

3 **A.** OG&E seeks a Commission order that allows the Company to proceed with its
4 Renewable Plan. Specifically, OG&E seeks a Commission order:

- 5 • Pre-approving OG&E's proposal to construct a 345 kV transmission line from
6 Woodward to Oklahoma City and a finding of prudence;
- 7 • Approving OG&E's proposal for a recovery rider to collect construction costs
8 including Allowance for Funds Used During Construction ("AFUDC") for the cost of
9 the 345 kV transmission line after the line is in-service and used and useful, subject to
10 a construction cost cap of \$211 million. Additionally, the rider will credit REC
11 proceeds as well as transmission revenues from the use of the line; and
- 12 • Approving OG&E's proposal as described by Mr. Walkingstick restructuring its
13 existing renewable tariffs into offerings that include: (1) a new tariff which allows
14 customers to purchase renewable energy credits; (2) modification to the existing
15 GPWR tariff to move the tariff toward the current value of service and applying the
16 additional revenues to offset transmission cost; and (3) creation of a new tariff
17 specifically applicable to the LPL class of customers.

18
19 **Q. What Commission approval timing is being requested by the Company?**

20 **A.** The Company is respectfully requesting the Commission's approval for the transmission
21 line by July 31, 2008 in order to achieve the 2010 targeted in-service delivery date for the
22 first 300 MW of wind energy. The Company will continue the development of the 345
23 kV transmission line from Woodward while the Commission processes this application in
24 order to meet the 2010 delivery schedule. However, without timely approval, OG&E will
25 delay or cancel the construction project.

26
27 **Q. Why does the Company require pre-approval from this Commission before it will
28 continue construction of the 345 kV transmission line?**

29 **A.** The Company has determined that it is in our customers' best interest to utilize the SPP
30 mechanism for a sponsored transmission project. Obviously, others may disagree and
31 could play "Monday morning quarterback" when we subsequently seek to include these

1 costs in rate base. OG&E believes it is important that the Commission review the facts as
2 we know them today and predetermine the prudence of this action based on those facts.
3

4 **Q. Is OG&E proposing to cap the request for pre-approval?**

5 A. Yes. The request is capped at \$211 million. The basis for this cost is described in Mr.
6 Crissup's testimony. The Company is asking that the actual cost for constructing the line
7 be recovered through the rider described by Roger Walkingstick. However, the amount
8 recovered would not exceed \$211 million unless the Commission finds in a separate
9 proceeding that the Company acted prudently in expending the additional dollars.
10

11 **Q. Please summarize why you believe OG&E's Renewable Plan is in the best interests**
12 **of your customers.**

13 A. The challenges we face today in the power sector are unprecedented in their scale and
14 their nature. The fossil fuels we rely on, particularly natural gas, have been increasing in
15 price yet our reliance on fossil fuels is not expected to diminish significantly in the
16 foreseeable future. Without a doubt, renewables, primarily wind, will play an essential
17 role in the OG&E future generation mix. Wind energy is a sustainable supply that takes
18 advantage of Oklahoma's vast natural resource and helps protect our customers from the
19 risk of higher than expected fuel prices and the cost resulting from future GHG
20 legislation. There are many different pieces of proposed legislation to curb greenhouse
21 gas emissions which are under consideration. While we don't yet know the impact of
22 such legislation, early indications are that it will be costly. Therefore, we must take
23 immediate steps to add renewables and position customers for this future by building a
24 balanced, diversified portfolio which provides customers with multiple options. There is
25 not one magic solution. However, the ability to add meaningful amounts of wind
26 development and establish a balanced portfolio, which includes multiple options are
27 dependent upon the construction of new transmission infrastructure. We believe our
28 renewable plan is in the best interest of customers because it provides benefits of clean
29 renewable wind energy and is the best response to market uncertainty.

1 Q. **Does this conclude your prepared direct testimony?**

2 A. Yes, it does.