

1 **Q. Please state your name, business address and present position with**
2 **PacifiCorp (the Company).**

3 A. My name is Bruce N. Williams. My business address is 825 NE Multnomah,
4 Suite 1900, Portland, Oregon 97232. I am the Vice President and Treasurer of
5 PacifiCorp.

6 **Qualifications**

7 **Q. Please briefly describe your education and business experience.**

8 A. I received a Bachelor of Science degree in Business Administration with a
9 concentration in Finance from Oregon State University in June 1980. I also
10 received the Chartered Financial Analyst designation upon passing the
11 examination in September 1986. I have been employed by PacifiCorp for twenty-
12 two years. My business experience has included financing of PacifiCorp's
13 electric operations and non-utility activities, investment management, investor
14 relations and responsibility for certain non-regulated activities.

15 **Q. Please describe your present duties.**

16 A. I am responsible for the Company's treasury, pension and other investment
17 management and credit risk management. In this proceeding, I am responsible for
18 the preparation of the Company's embedded cost of debt and preferred equity.

19 **Purpose of Testimony**

20 **Q. What is the purpose of your testimony in this proceeding?**

21 A. My testimony:

- 22 • Presents an overview of how the Company finances its operations;
23 • Updates the Company's embedded cost of debt and preferred stock as of

1 August 31, 2006; and

- 2 • Demonstrates that the Company has fulfilled a commitment from Docket
3 No. UE-051090 regarding a reduction in the incremental cost of long-term
4 debt.

5 **Financing Overview**

6 **Q. How does PacifiCorp finance its electric utility operations?**

7 A. PacifiCorp finances the cash flow requirements by utilizing a reasonable mix of
8 debt and equity securities designed to provide a competitive cost of capital and
9 predictable capital market access.

10 **Q. How does PacifiCorp meet its debt and preferred equity financing
11 requirements?**

12 A. PacifiCorp relies on a mix of first mortgage bonds, other secured debt, tax exempt
13 debt, unsecured debt and preferred to meet its long-term debt and preferred stock
14 financing requirements. The Company has concluded the majority of its long-
15 term financing utilizing secured first mortgage bonds issued under the PacifiCorp
16 Mortgage Indenture dated January 9, 1989. Exhibit No. ___(BNW -2) shows that,
17 as of August 31, 2006, PacifiCorp had approximately \$3.5 billion of first
18 mortgage bonds outstanding, with an average cost of 6.70 percent and an average
19 remaining life of 13.4 years. Currently all of PacifiCorp's first mortgage bonds
20 bear interest at fixed rates. Proceeds from the issuance of the first mortgage
21 bonds (and all other financing instruments) are used to finance the combined
22 utility operation.

23 Another important source of financing has been the tax-exempt financing

1 associated with certain qualifying equipment at PacifiCorp's power generation
 2 plants. Under arrangements with local counties and other tax-exempt entities,
 3 PacifiCorp borrows the proceeds and guarantees the repayment of the long-term
 4 debt in order to take advantage of their tax-exempt status in financings. As of
 5 August 31, 2006, PacifiCorp's tax-exempt portfolio was \$738 million in principal
 6 amount with an average cost of 4.59 percent (which includes the cost of issuance
 7 and credit enhancement.)

8 **Update of Embedded Cost of Long-Term Debt and Preferred Stock**

9 **Q. What overall rate of return was authorized for the Company in its last**
 10 **Washington general rate case Docket No. UE-050684 (2005 Rate Case)?**

11 A. In Order 04 in the 2005 Rate Case, the Commission adopted the following capital
 12 structure and cost elements, which produced an overall rate of return of 8.10
 13 percent:

Component	Ratio (%)	Cost (%)	Wtd. Cost (%)
Equity	46	10.20	4.69
Long-term Debt	50	6.427	3.21
Preferred	1	6.59	.0659
Short-term Debt	3	4.50	.135
TOTAL	100		8.10

14 Source: Order 04, ¶ 287.

15 **Q. What is the Company proposing for cost of capital in this proceeding?**

16 A. As discussed in Ms. Kelly's testimony, the Company is accepting the capital
 17 structure and return on equity of 10.2 percent, as determined in the 2005 Rate
 18 Case. We are also accepting the cost for short-term debt of 4.50 percent as
 19 determined in that proceeding, even though our actual current cost of short-term
 20 debt is 5.42 percent (as of August 31, 2006). For purposes of this proceeding, we

1 are updating only the embedded cost of long-term debt and preferred stock, as
2 those costs have declined and it is in customers' interests to update these cost of
3 capital elements.

4 **Q. How did you calculate the Company's embedded cost of long-term debt and**
5 **preferred stock?**

6 A. I calculated the embedded costs of long-term debt and preferred stock using the
7 methodology relied upon in the Company's previous rate cases in Washington
8 and elsewhere.

9 **Q. Please explain the cost of debt calculation.**

10 A. I calculated the cost of debt by issue, based on each debt series' interest rate and
11 net proceeds at the issuance date, to produce a bond yield to maturity for each
12 series of debt. It should be noted that in the event a bond was issued to refinance
13 a higher cost bond, the pre-tax premium and unamortized costs, if any, associated
14 with the refinancing were subtracted from the net proceeds of the bonds that were
15 issued. The bond yield was then multiplied by the principal amount outstanding
16 of each debt issue, resulting in an annualized cost of each debt issue. Aggregating
17 the annual cost of each debt issue produces the total annualized cost of debt.
18 Dividing the total annualized cost of debt by the total principal amount of debt
19 outstanding produces the weighted average cost for all issues. This is the
20 Company's embedded cost of long-term debt.

21 **Q. What is the Company's embedded cost of long-term debt?**

22 A. As shown in Exhibit No. ____ (BNW-2), the embedded cost of long-term debt as of
23 August 31, 2006 is 6.335 percent.

1 **Q. How did you calculate the embedded cost of preferred stock?**

2 A. The embedded cost of preferred stock was calculated by first determining the cost
3 of money for each issue. This is the result of dividing the annual dividend rate by
4 the ratio of net proceeds to gross proceeds for each series of preferred stock. The
5 cost associated with each series was then multiplied by the stated value or
6 principal amount outstanding for each issue to yield the annualized cost for each
7 issue. The sum of annualized costs for each issue produces the total annual cost
8 for the entire preferred stock portfolio. I then divided the total annual cost by the
9 total amount of preferred stock outstanding to produce the weighted average cost
10 of all issues. This is the Company's embedded cost of preferred stock.

11 **Q. What is the Company's embedded cost of preferred stock?**

12 A. Exhibit No. ___(BNW-3) shows the embedded cost of preferred stock as of
13 August 31, 2006 is 6.455%.

14 **Q. What is the resulting overall rate of return after updating the costs of long-
15 term debt and preferred stock?**

16 A. The updating results in the following cost elements and overall rate of return:

Component	Ratio (%)	Cost (%)	Wtd. Cost (%)
Equity	46	10.20	4.69
Long-term Debt	50	6.335	3.1675
Preferred	1	6.455	.0645
Short-term Debt	3	4.50	.135
TOTAL	100		8.057

1 **Fulfillment of MEHC Commitment**

2 **Q. Did PacifiCorp and MidAmerican Energy Holdings Company (MEHC)**
3 **make certain commitments concerning PacifiCorp's cost of incremental**
4 **debt?**

5 A. Yes. During the regulatory approval process related to the acquisition of
6 PacifiCorp, MEHC stated that PacifiCorp's incremental cost of long-term debt
7 would be reduced as a result of the acquisition by MEHC, due to the association
8 with Berkshire Hathaway. In Docket No. UE-051090, MEHC and PacifiCorp
9 made a formal commitment (General Commitment 37) that over the next five
10 years, they would demonstrate that PacifiCorp's incremental long-term debt
11 issuances would be at a spread ten basis points below its similarly rated peers.

12 **Q. Has PacifiCorp issued any debt that would be subject to this commitment?**

13 A. Yes. On August 7, 2006, PacifiCorp issued \$350 million of new long-term debt.

14 **Q. Have you assessed whether the MEHC commitment was fulfilled with respect**
15 **to this long-term debt issuance?**

16 A. Yes. Confidential Exhibit Nos. ___(BNW-4C) and ___(BNW-5C) demonstrate
17 that PacifiCorp's August issuance of long-term debt not only met, but exceeded,
18 the promised level of savings.

19 **Q. Please summarize what is shown in Exhibit Nos. ___(BNW-4C) and**
20 **___(BNW-5C).**

21 A. Lehman Brothers and RBS Greenwich Capital have each undertaken separate
22 studies and analyses of PacifiCorp's August 10, 2006 offering of \$350 million of
23 First Mortgage Bonds, 6.10 percent Series due 2036.

1 In Exhibit No. ____ (BNW-4C), Lehman Brothers concludes that:

- 2 • PacifiCorp's issuance was priced fifteen basis points better than an index of
- 3 30-year first mortgage bonds for comparably rated utilities;
- 4 • PacifiCorp priced its bonds twenty basis points better than what its peers
- 5 would have obtained, based on secondary quotes;
- 6 • Since January 2006, comparable offerings by similarly rated utilities were, on
- 7 average, twenty basis points more costly than the PacifiCorp issuance; and
- 8 • PacifiCorp obtained pricing that was 36 basis points better than the average
- 9 30-year bond issuance for the entire utility industry in issuances since
- 10 June 2006.

11 In Exhibit No. ____ (BNW-5C), RBS Greenwich concludes that:

- 12 • PacifiCorp's bond priced 24 basis points better than a third-party index of
- 13 comparably rated utility first mortgage bonds;
- 14 • Similarly rated utilities would have issued bonds at rates at least 16.5 basis
- 15 points more costly than PacifiCorp's issuance; and
- 16 • PacifiCorp's bond issuance was 18 basis points lower in cost than the pricing
- 17 obtained by comparable utility issuances of the same maturity since
- 18 January 2006.

19 **Q. Does this conclude your testimony?**

20 A. Yes.