

NM PUBLIC  
REGULATION  
COMMISSION

**BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION**

2008 MAR 14 PM 4:22

IN THE MATTER OF AN INVESTIGATION )  
INTO THE APPROPRIATE WEATHER )  
NORMALIZATION PERIOD FOR NATURAL )  
GAS UTILITY RATE CASES )  
\_\_\_\_\_ )

Case No. 07-00340-UT

**REBUTTAL TESTIMONY OF**

**ANDREA C. CRANE**

**ON BEHALF OF THE**

**NEW MEXICO ATTORNEY GENERAL**

**March 14, 2008**

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1 **I. STATEMENT OF QUALIFICATIONS**

2 **Q. Please state your name and business address.**

3 A. My name is Andrea C. Crane and my business address is 199 Ethan Allen Highway, Ridgefield,  
4 Connecticut 06877. (Mailing Address: PO Box 810, Georgetown, Connecticut 06829.)

6

7 **Q. By whom are you employed and in what capacity?**

8 A. I am Vice President of The Columbia Group, Inc., a financial consulting firm that specializes in  
9 utility regulation. In this capacity, I analyze rate filings, prepare expert testimony, and undertake  
10 various studies relating to utility rates and regulatory policy. I have held several positions of  
11 increasing responsibility since I joined The Columbia Group, Inc. in January 1989.

13

14 **Q. Please summarize your professional experience in the utility industry.**

15 A. Prior to my association with The Columbia Group, Inc., I held the position of Economic Policy and  
16 Analysis Staff Manager for GTE Service Corporation, from December 1987 to January 1989. From  
17 June 1982 to September 1987, I was employed by various Bell Atlantic (now Verizon) subsidiaries.  
18 While at Bell Atlantic, I held assignments in the Product Management, Treasury, and Regulatory  
19 Departments.

20

21 **Q. Have you previously testified in regulatory proceedings?**

1 A. Yes, since joining The Columbia Group, Inc., I have testified in over 250 regulatory proceedings in  
2 the states of Arizona, Arkansas, Connecticut, Delaware, Hawaii, Kansas, Kentucky, Maryland, New  
3 Jersey, New Mexico, New York, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Vermont,  
4 West Virginia and the District of Columbia. These proceedings involved gas, electric, water,  
5 wastewater, telephone, solid waste, cable television, and navigation utilities. A list of dockets in  
6 which I have filed testimony is included in Appendix A.

8

9 **Q. What is your educational background?**

10 A. I received a Masters degree in Business Administration, with a concentration in Finance, from  
11 Temple University in Philadelphia, Pennsylvania. My undergraduate degree is a B.A. in Chemistry  
12 from Temple University.

13

14

15 **II. PURPOSE OF TESTIMONY**

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

17 A. On September 18, 2007, the New Mexico Public Regulation Commission (“NMPRC”) initiated this  
18 docket to address the following issues:

- 19           ➤ Whether a five, ten, fifteen, twenty, twenty-five, or thirty year weather normalization  
20           period should be used to establish rates for natural gas public utilities;

- 1                   ➤ Whether the rule requiring the use of the appropriate weather normalization period in
- 2                   gas utility cases should contain other provisions regarding the use of that
- 3                   normalization period in gas rate cases; and
- 4                   ➤ Whether there are other mechanisms that should be considered by the Commission,
- 5                   such as a weather normalization adjustment (“WNA”) mechanism.

7

8                   Pursuant to a procedural schedule established by the NMPRC, Direct Testimony was filed on

9                   November 15, 2007 by Public Service Company of New Mexico (“PNM”) and by Raton Natural Gas

10                  Company (“RNG”). The procedural schedule was extended and Direct Testimony was subsequently

11                  filed by Zia Natural Gas Company (“Zia”). The Columbia Group, Inc. was engaged by The State of

12                  New Mexico, Office of Attorney General (“Attorney General”) to review and analyze the Direct

13                  Testimony filed by these parties and to provide Rebuttal Testimony, if appropriate.

15

16   **III.   SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS**

17   **Q.    What are your conclusions and recommendations regarding the issues in this proceeding?**

19   A.    Based on my analysis of the Direct Testimony filed by the parties, on my experience testifying on

20       weather normalization issues in utility rate proceedings, and on my review of additional

21       documentation, my conclusions and recommendations are as follows:

1           1.     The thirty-year period for determining normal weather is the standard established by the  
2                   National Oceanic and Atmospheric Association (“NOAA”), an independent government  
3                   body that is charged with determining the appropriate time period for normal weather.

5           2.     The NMPRC should adopt the NOAA standard as the time frame over which normal weather  
6                   should be determined for purposes of setting utility rates.

7           3.     The use of the NOAA standard does not preclude the NMPRC from addressing the separate  
8                   and independent issue of how natural gas usage varies with variations in weather conditions.

10          4.     The NMPRC should reject PNM’s request for establishment of a weather normalization  
11                   adjustment (“WNA”) clause.

12  
13   **IV.    DISCUSSION OF THE ISSUES**

14   **Q.    Please provide a brief summary of the issues in this case?**

15   A.    The first issue to be addressed in this case is the time period the NMPRC should utilize for defining  
16           normal weather for New Mexico gas utilities.  Utility rates are established prospectively based on  
17           normal operating conditions, including normal weather conditions.  Therefore, it is important that  
18           regulatory commissions include a weather normalization adjustment that reflects expected usage  
19           assuming normal weather conditions.  The NMPRC has traditionally utilized a period of thirty-  
20           years to determine normal weather.  However, in the most recent Public Service Company of New  
21           Mexico (“PNM”) base rate case, the NMPRC deviated from this position and adopted a ten-year

1 NMPRC deviated from this position and adopted a ten-year period to determine pro forma revenues  
2 for PNM. That case is currently under appeal.

3 The second issue in this proceeding is whether the rule requiring the use of the appropriate  
4 weather normalization period in gas utility rate cases should specify the normalization period to be  
5 used. The third issue is whether the NMPRC should adopt other mechanisms, such as a WNA  
6 mechanism.

7  
8 **Q. Please summarize the Direct Testimony filed on November 15, 2007 by the utilities.**

9 A. On November 15, 2007, Direct Testimony was filed by PNM and by Raton. PNM filed the Direct  
10 Testimony of Dr. David S. Gutzler and John M. Fernald. In his Direct Testimony, Dr. Gutzler  
11 recommended the use of a ten-year period for determining normal weather while Mr. Fernald  
12 recommended that the NMPRC establish a WNA clause. Dr. Gutzler's recommendation was based  
13 on his finding that a ten-year period was the best predictor of weather for the period 2001 to 2007.  
14 In spite of Dr. Gutzler's recommendation, PNM witness Fernald recommended against specifying  
15 the time period to be used to determine normal weather in the NMPRC's rules.

17 RNG filed the Direct Testimony of David N. Link. In his testimony, Mr. Link recommended  
18 that the NMPRC "refrain from ordering RNG to implement additional weather normalization  
19 techniques...at this time."<sup>1</sup>

20 Zia filed the Direct Testimony of Larry W. Loos. Mr. Loos recommended that the NMPRC

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1 Testimony of Mr. Link, page 7.

1 NMPRC adopt a five-year period for determining normal weather for Zia current rate filing.  
2 However, Mr. Loos recommended against one policy for all companies or all rate cases, instead  
3 arguing that this issue “should best be evaluated on a case by case basis...”<sup>2</sup>  
4

5 **Q. Do you agree with PNM’s recommendations that the NMPRC utilize a ten-year period for**  
6 **determining normal weather and adopt a WNA clause?**

7 A. No, I do not, for the following reasons:

8 ➤ Dr. Gutzler’s recommendation to utilize a ten-year period is contrary to the time period  
9 established by NOAA for determining normal weather,

10 ➤ Dr. Gutzler’s recommendation assumes that the role of the NMPRC is to predict weather,  
11 instead of to establish pro forma revenues based on normal weather conditions;

13 ➤ PNM witness Fernald’s recommendation against establishing a specific time period in the  
14 NMPRC’s rules may result in gaming of the system by utility companies and other parties.

16 ➤ PNM has not provided any testimony regarding the impact of normal weather on natural gas  
17 sales.

18 ➤ PNM has not adequately supported its claim for a WNA clause.  
19

20 **Q. Why do you believe that 30-year NOAA data is more appropriate to utilize in developing a**

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2 Direct Testimony of Mr. Loos, page 30.



1           **developing a company’s weather normalization adjustment than the ten-year period**  
2           **recommended by PNM or the five-year period recommended by Zia?**

3    A.    The thirty-year normal has been established by NOAA, the government organization charged with  
4           establishing and recording the climatic conditions of the United States. NOAA was formed from the  
5           combination of the United States Coast and Geodetic Survey, formed in 1807; the Weather Bureau,  
6           formed in 1870; and the Bureau of Commercial Fisheries, formed in 1871. The thirty-year standard  
7           is the objective standard, established by the government body responsible for determining normal  
8           weather conditions. Moreover, the thirty-year standard is an international standard adopted by the  
9           United Nation’s World Meteorological Organization (“WMO”). While the thirty-year normal is used  
10          for a wide range of applications, it has served as the standard in utility regulation for some time.  
11          (See the last page of Appendix B for the NOAA definition of “normal”.)

13  
14    **Q.    Do you believe that the use of a NOAA standard is preferable to having the fifty state**  
15          **regulatory commissions set their own standards?**

16    A.    Yes, I do. It should not be the role of each regulatory commission to determine “normal” weather.  
17          Rather, that determination should be made by the governmental agency and other international  
18          bodies that are responsible for tracking, analyzing, and reporting weather statistics. In the United  
19          States, that agency is NOAA, which has determined that normal weather should be defined as the  
20          arithmetic mean computed over a long period of time. NOAA has further defined the appropriate  
21          time period over which to calculate normal weather as three consecutive decades.

1 weather as three consecutive decades.

2 .  
3 **Q. Why are longer time periods preferable to shorter ones for weather normalization data?**

5 A. There are a few reasons. First, longer time periods tend to average out weather and temperature  
6 extremes much better than shorter periods. Obviously, one particularly cold or warm winter with  
7 many or few heating degree days has a much greater effect upon a ten-year average or a five-year  
8 average than it does upon a thirty-year average. In fact, a single data point has a 10% impact on a  
9 ten-year average, but only a 3.3% impact on a thirty-year average. Therefore, the effect of a single  
10 data point is three times greater with a ten-year average than with a thirty-year average. In a five-  
11 year average, each data point has an even greater impact. Thus, one year of very cold or very hot  
12 weather has the ability to significantly skew the results if a five-year average is used.

14 Second, a shorter time period such as five or ten years may fail to include extreme weather in  
15 computing average degree days. It is normal and customary to have a very cold or a very warm  
16 winter every so often, and the data base should include these extremes.

17  
18 **Q. Why is it important to have good standard weather data?**

19 A. Utility rates are based upon normal operating conditions. If revenues are based on an accurate,  
20 consistent and widely accepted standard for normalizing weather, in some years the Company's  
21 revenues will be less than normal, in some years the Company's revenues will be greater than

1 greater than normal, but over time, the Company's revenues will be normal and the Company will  
2 receive the opportunity to earn its fair rate of return. In addition, the use of an accepted objective  
3 standard, such as the thirty-year NOAA, ensures consistency from case-to-case.  
4

5 **Q. Are there other factors that lead you to favor the thirty-year NOAA standard over the ten**  
6 **years of data recommended by PNM or the five years of data recommended by Zia?**

7 A. Yes. Among other things, the NOAA standard has a long history of use and acceptance. The use of  
8 the NOAA thirty years as "normal" is based upon an international agreement and is commonly used  
9 to reflect normal weather conditions in a variety of industries and applications. It is my  
10 understanding the NMPRC had traditionally utilized a thirty-year normal until PNM's most recent  
11 natural gas case. In addition, I have been advised by counsel that PNM was ordered by the  
12 Commission to use a thirty-year normal in Case No. 2662 and that the Commission's decision was  
13 upheld by the New Mexico Supreme Court on appeal.  
14

15  
16 **Q. Is there a statistical reason why a thirty-year normal should be used?**

17 A. Yes, there is. The use of thirty data points has its basis in the central limit theorem, which states that  
18 if the sample size has at least thirty data points, then the distribution of sample means is normal,  
19 resulting in a normal distribution centered around the mean with a standard deviation that decreases  
20 as the sample size increases. Essentially, the population sample of at least thirty data points will  
21 result in a bell shaped curve.

1

2 **Q. Is NOAA examining the possibility of making any changes to the manner in which it**  
3 **determines normal weather?**

4 A. Yes, it is. NOAA has initiated an investigation to address 1) assuring the availability of up-to-date  
5 climate normals and 2) assuring the representativeness of a thirty-year average normal given a  
6 changing climatic state. This process was initiated in May 2007.

7 The first issue involves the frequency with which NOAA thirty-year normals are updated. In  
8 the past, the official NOAA weather normal was based on data during three consecutive decades.  
9 Thus, this data was essentially updated only once every ten years. Now that technology has  
10 advanced, NOAA is exploring whether it might be reasonable to update the NOAA thirty-year  
11 normal weather data more frequently. It should be noted that in PNM's recent natural gas base rate  
12 case, I expressed my willingness to utilize the most recent thirty-year data to determine normal  
13 weather for the purpose of establishing utility rates. At least part of the rationale for using three  
14 consecutive decades of data was the difficulty of updating this data more frequently. Technology has  
15 advanced considerably over the past few years, to the point where it is now relatively easy to  
16 calculate a new thirty-year normal each year. I understand that NOAA may make more frequent  
17 updates to the thirty-year normal available as a result of its current investigation. Therefore, I have  
18 no objection to the use of the most recent thirty years to calculate normal weather.

20 The second issue is whether a basic change from the thirty-year normal should be adopted.  
21 NOAA has not made any move in this direction at this time. While NOAA has acknowledged that

1           acknowledged that the issue of climate change has been raised by utilities in regulatory proceedings,  
2           and while NOAA is exploring the impact of such climate change on the calculation of normal  
3           weather, there is no indication that NOAA plans to terminate the use of thirty years as the time  
4           period over which to calculate normal weather.

5  
6       **Q.    If NOAA changed the methodology used to determine normal weather, and instead adopted**  
7       **some other time period over which to calculate normal weather, would your recommendation**  
8       **change?**

9       A.    Yes, it would. As noted above, there are statistical reasons for adopting a time frame of at least  
10       thirty years to determine normal weather. However, if NOAA adopted a different standard, then I  
11       would recommend a change in the time period used by regulatory commissions, including the  
12       NMPRC, to determine normal weather for ratemaking purposes. The important point is that an  
13       independent government body should be selecting the time period used to define normal weather.  
14       This issue should not be left to be argued over each year in rate cases by parties that have their own  
15       motives for suggesting various time periods be used.

16  
17  
18       **Q.    Would it be premature for the NMPRC to select a time period of other than thirty-years while**  
19       **NOAA is still investigating this issue?**

20       A.    Yes, it would. Since NOAA is the governmental organization charged with determining the  
21       appropriate time period for normal weather, the NMPRC should not take any actions that would be

1 would be contrary to the NOAA standard at this time. If the NMPRC is inclined to adopt a time  
2 period of less than thirty years for determining normal weather, it should wait for the results of the  
3 NOAA investigation before adopting any method that would be inconsistent with the current NOAA  
4 standard. Rather, if the NMPRC is inclined to adopt a different standard, then it should at least wait  
5 for the completion of the current NOAA investigation so that the results of the investigation can be  
6 considered by the NMPRC.

7  
8 **Q. Is the purpose of a weather normalization adjustment to predict future weather, as suggested**  
9 **by Dr. Gutzler and Mr. Loos?**

10 A. No, it is not. The purpose of a weather normalization adjustment is not to forecast or predict weather  
11 for a particular year. We are regulators, not weather forecasters. The purpose of a weather  
12 normalization adjustment is instead to determine what customer usage is likely to be, assuming  
13 “normal” weather. Dr. Gutzler’s finding that the use of a ten-year normal was a better predictor of  
14 the weather in 2001-2007 does not provide any meaningful information about normal weather and  
15 therefore the premise of his analysis is flawed. Mr. Loos’ argument that a five-year average is the  
16 best predictor of actual weather in the first year of new rates is similarly flawed.

18 The regulator is attempting to determine, on a prospective basis, what a “normal” period  
19 of operating results will be. One of the components of this determination is normal weather.  
20 The regulator is not trying to predict weather, or to make a company indifferent to weather, but  
21 rather to set rates prospectively that are normalized for weather. In some years a utility will have

1 weather. In some years a utility will have colder than normal weather and in some years it will  
2 have warmer than normal weather. But over time, weather will be normal.

3  
4 **Q. Are there flaws in the predictive analyses presented by Dr. Gutzler and Mr. Loos?**

5 A. Yes, there are. As noted above, the purpose of a weather normalization adjustment is not to  
6 predict the weather in subsequent years, but rather to determine a normalized level of utility sales  
7 based on the assumption that the weather will be normal. However, even if one assumes that the  
8 goal of the weather normalization adjustment is to predict weather conditions, which it is not,  
9 then Dr. Gutzler's analysis is still flawed. One of the problems with Dr. Gutzler's analysis is that  
10 he considered the period 2001-2007 as one period for purposes of determining the best predictor.

11 . Dr. Gutzler's use of the average 2001-2007 period masks results that occurred in specific  
12 years. As shown in the response to AG 1-3 which contains Dr. Gutzler's workpapers, Dr.  
13 Gutzler attempted to predict 2001-2007 degree days at six NOAA sites in New Mexico. He  
14 concluded that ten years was the best predictor of actual degree days from 2001-2007. However,  
15 if he had examined seven individual years for each site, instead of the average results over the  
16 seven year period, a different pattern emerges. Of the forty-two data points (seven years times  
17 six sites), the thirty-year normal is the best predictor in 10 of the 42 cases, or 23.8%. The ten-  
18 year normal is the best predictor in 9 cases. The thirty-year normal is a more accurate predictor  
19 of the following: 2001 and 2007 weather in Albuquerque, 2007 weather in El Morro National  
20 Monument, 2007 weather at Ft. Bayard, 2001, 2005, and 2007 weather in Roswell, and 2001,

1           2007 weather in Roswell, and 2001, 2005, and 2007 weather in Santa Fe. Although the purpose  
2           of the weather normalization is not to predict the weather, it is interesting to note that if one was  
3           attempting to predict weather from 2001 to 2007, then the thirty-year normal would have served  
4           as a slightly better predictor than the ten-year normal recommended by Dr. Gutzler.

6  
7   **Q.    Does an examination of the thirty-year weather data suggest that it continues to be**  
8   **appropriate for use in determining normal weather?**

9   A.    Yes. In Appendix B, I have provided data produced by NOAA showing the actual temperature  
10       in New Mexico during the past thirty years for the winter period, which is defined by NOAA as  
11       December to February, as well as the thirty-year average for the winter period. I have also  
12       provided data on the individual months of December to February.

14               As shown by this data, the thirty-year period continues to be a reasonable average to use  
15       in determining normal weather. The winter period in New Mexico was colder than the average  
16       in two of the past five years, and in five of the last ten years. While the 2007-2008 winter period  
17       ranked approximately in the middle of the data, ranking fourteenth out of thirty years for cold  
18       weather, it was still colder than the thirty-year average. It is interesting to note that the longest  
19       stretch of above or below average winter temperatures occurred from 1987 to 1992, when New  
20       Mexico experienced six straight years of colder than normal weather. This period demonstrates  
21       the problems with using a relatively short period of time, such as five or ten years, to determine



1 a relatively short period of time, such as five or ten years, to determine normal weather. If a five-  
2 year or ten-year period that included 1987 to 1992 had been used to set rates, it is likely that  
3 utility rates would have reflected an artificially high level of pro forma sales. By using a thirty-  
4 year period, the impact of any one year is mitigated and the result is more representative of  
5 weather over a longer period of time. Since weather conditions change slowly, the thirty-year  
6 average provides a good balance between the need to mitigate the impact of any single year and  
7 the need to reflect long-term changes that may occur in climatic conditions.

9  
10 **Q. Will PNM's recommendation that no specific time period be included in the NMPRC's rules**  
11 **result in gaming of the system?**

12 A. Yes, it may. Dr. Gutzler found that a ten-year period is the "best choice of normalization  
13 period." Nevertheless it is PNM's recommendation that the NMPRC's rules provide for  
14 "flexibility in allowing parties to select an alternative period of time over which weather results  
15 would be used..."<sup>3</sup> This "flexibility" will result in all parties arguing from case-to-case that the  
16 NMPRC should choose a time period that provides the best result for that particular party. The  
17 thirty-year period for determining what constitutes normal weather was not defined by me, or by  
18 the Attorney General. Rather, it was defined by the United States Government organization that  
19 is responsible for defining normal weather, i.e., NOAA. Once the NMPRC provides for  
20 "flexibility" from case-to-case, then all parties will have an incentive to promote the time period

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3 Testimony of Mr. Fernald, page 3.

1 will have an incentive to promote the time period that results in the best result for their particular  
2 constituency in each particular case. For example, while PNM generally supports a ten-year  
3 period for determining normal weather, one or two particularly cold winters could make the use  
4 of a ten-year average significantly less attractive to the Company. Under PNM's proposal, it  
5 would therefore have the flexibility to argue against a ten-year average when that average would  
6 result in a smaller pro forma revenue adjustment.

8 Mr. Loos, on behalf of Zia, also proposes that the Company retain the flexibility to  
9 change the period used to determine normal weather. Mr. Loos recommends the use of five-  
10 years of data "at least for the purpose of Zia's upcoming rate case...".<sup>4</sup> He recommends,  
11 however, that the issue "should best be evaluated on a case by case basis, based on the most  
12 recent conditions for the weather stations relevant to the utility." While he doesn't address how  
13 the "most recent conditions" would factor into the selection of the time period to use for normal  
14 weather in future cases, one can surmise that Zia would select the time period that would most  
15 benefit the utility.

16  
17 **Q. Should the time period used to determine normal weather be included in an NMPRC rule?**

19 **A.** Yes, it should. In order to ensure consistency from case to case, and to prevent any party from  
20 gaming the system, the NMPRC should formalize the time period used to determine normal weather.

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4 Testimony of Mr. Loos, page 30.

1 normal weather. It is my recommendation that the NMPRC adopt a thirty-year normal. However,  
2 even if the NMPRC finds that a different time period is appropriate, it should formalize its finding  
3 through a rule that applies to all natural gas utilities in all gas utility rate proceedings.

5  
6 **Q. Isn't it possible that weather patterns do change over time?**

7 A. Yes, it is. However, permanent changes in weather patterns are likely to take place over a long  
8 period of time. NOAA has determined that a period of thirty years represents normal weather. To  
9 the extent weather patterns do exhibit a permanent change over time, such changes will be reflected  
10 in the thirty-year NOAA data. The NMPRC should not confuse the determination of "normal"  
11 weather with the issue of how customers will react to variations from normal weather. The fact that  
12 gas prices have risen, there is better communication with customers, and energy efficiency incentives  
13 are offered has no impact on the weather, or on the definition of normal weather. But, these factors  
14 do impact how customers respond to deviations from normal weather. Weather is based on  
15 climatological patterns and customers have virtually no impact on these weather patterns, at least not  
16 over the thirty-year period that is defined as constituting normal weather.

18 However, the NMPRC should be mindful of the difference between changes in weather  
19 patterns over time and changes in usage patterns over time. The two are not the same. While  
20 NOAA uses a thirty-year period to determine normal degree days, NOAA is not involved in  
21 forecasting how natural gas sales are likely to be impacted due to variations in degree days. For

1 in degree days. For example, assume that the thirty-year normal results in total degree days for the  
2 PNM service territory of 5,500 degree days. A separate but related question, and one that has not  
3 been addressed by PNM, is how customer usage changes with changes in degree days. Due to  
4 conservation efforts, more efficient appliances, price elasticity, and other factors, it is entirely  
5 possible that the impact of variations in degree days is different in 2007 than it was in 1967. It  
6 should be noted that neither PNM's Direct Testimony nor Zia's Direct Testimony addressed the  
7 impact of variations in degree days on customer usage, but that issue is an important one that can and  
8 should be addressed in a base rate case. My recommendation that the NMPRC adopt a thirty-year  
9 degree day standard does not prevent the utility or other parties from presenting arguments regarding  
10 the impact of weather variations on natural gas usage. By adopting a thirty-year weather standard,  
11 the NMPRC is not precluding any party from providing evidence demonstrating the impact of  
12 various weather changes on natural gas usage in a gas base rate case.

14 Neither Dr. Gutzler nor Mr. Fernald has presented any evidence in this case regarding the  
15 impact of weather changes on gas sales. Instead, PNM's Direct Testimony focused on which time  
16 period was preferable for predicting the average weather from 2001-2007. Similarly, Mr. Loos also  
17 failed to address the impact of weather variations on gas usage. Instead, Mr. Loos argues that the  
18 five-year average best predicts actual weather in the first year of new rates. Mr. Loos fails to  
19 recognize, however, that the role of the regulator is to determine a representative usage level based  
20 on normal weather, not to predict the weather for any particular period.

1

2 **Q. Should the NMPRC adopt a weather normalization clause, as proposed by Mr. Fernald?**

4 A. No, it should not. PNM has not provided any evidence that a weather normalization adjustment is  
5 required by the gas utility. The Company is already guaranteed recovery of its gas costs on a dollar  
6 for dollar basis, which significantly reduces the risk to shareholders. PNM's request for a WNA  
7 clause is an attempt to transfer much of the remaining risk from the Company's shareholders to its  
8 ratepayers. Moreover, the WNC as proposed by PNM would be regional, creating an administrative  
9 nightmare for the NMPRC and for the other parties that have the responsibility to review periodic  
10 filings. Accordingly, I recommend that the WNC mechanism proposed by PNM be rejected.

12

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

14 A. Yes, it does.

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IN THE MATTER OF AN INVESTIGATION )  
INTO THE APPROPRIATE WEATHER )  
NORMALIZATION PERIOD FOR NATURAL ) Case No. 07-00340-UT  
GAS UTILITY RATE CASES )  
\_\_\_\_\_ )

AFFIDAVIT OF ANDREA C. CRANE

STATE OF CONNECTICUT )  
 ) ss.  
COUNTY OF FAIRFIELD )

Andrea C. Crane, Vice President of The Columbia Group, Inc., upon being first duly sworn according to law, under oath, deposes and states: That I have read the foregoing "Rebuttal Testimony," and it is true and accurate based on my own personal knowledge and belief.

SIGNED this 10<sup>TH</sup> day of March 2008.

Andrea C. Crane  
ANDREA C. CRANE

SUBSCRIBED AND SWORN TO before me by Andrea C. Crane on this 10<sup>TH</sup> day of March 2008.

Majorie M. Levin  
NOTARY PUBLIC IN AND FOR THE  
STATE OF CONNECTICUT

My Commission Expires: DEC. 31, 2008

## **APPENDIX A**

### **List of Prior Testimonies**

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Southwestern Public Service Company	E	New Mexico	07-00319-UT	3/08	Revenue Requirements Cost of Capital	New Mexico Office of Attorney General
Delmarva Power and Light Company	G	Delaware	07-239F	2/08	Gas Cost Rates	Division of the Public Advocate
Atmos Energy Corp.	G	Kansas	08-ATMG-280-RTS	1/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Aquila /Black Hills / Kansas City Power & Light	E	Kansas	07-BHCG-1063-ACQ 07-KCPE-1064-ACQ	12/07	Utility Acquisitions	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	07-186	12/07	Cost of Capital Regulatory Policy	Division of the Public Advocate
Westar Energy, Inc.	E	Kansas	08-WSEE-309-PRE	11/07	Predetermination of Wind Generation	Citizens' Utility Ratepayer Board
Public Service Electric and Gas Company	E/G	New Jersey	ER07050303 GR07050304	11/07	Societal Benefits Charge	Division of Rate Counsel
Public Service Company of New Mexico	E	New Mexico	07-00077-UT	10/07	Revenue Requirements Cost of Capital	New Mexico Office of Attorney General
Public Service Electric and Gas Company	E	New Jersey	EO07040278	9/07	Solar Cost Recovery	Division of Rate Counsel
Comcast Cable	C	New Jersey	CR07030147	8/07	Form 1205	Division of Rate Counsel
Kansas City Power & Light Company	E	Kansas	07-KCPE-905-RTS	8/07	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Cablevision Systems Corporation	C	New Jersey	CR06110781, et al.	5/07	Cable Rates - Forms 1205 and 1240	Division of Rate Counsel
Westar Energy, Inc.	E	Kansas	05-WSEE-981-RTS	4/07	Revenue Requirements Issues on Remand	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	G	Delaware	06-285F	4/07	Gas Cost Rates	Division of the Public Advocate
Comcast of Jersey City, et al.	C	New Jersey	CR06070558	4/07	Cable Rates	Division of Rate Counsel
Westar Energy	E	Kansas	07-WSEE-616-PRE	3/07	Pre-Approval of Generation Facilities	Citizens' Utility Ratepayer Board
Woonsocket Water Division	W	Rhode Island	3800	3/07	Revenue Requirements	Division of Public Utilities and Carriers
Aquila - KGO	G	Kansas	07-AQLE-431-RTS	3/07	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	06-287F	3/07	Gas Service Rates	Division of the Public Advocate
Delmarva Power and Light Company	G	Delaware	06-284	1/07	Revenue Requirements Cost of Capital	Division of the Public Advocate
El Paso Electric Company	E	New Mexico	06-00258 UT	11/06	Revenue Requirements	New Mexico Office of Attorney General
Aquila, Inc. / Mid-Kansas Electric Co.	E	Kansas	06-MKEE-524-ACQ	11/06	Proposed Acquisition	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	G	New Mexico	06-00210-UT	11/06	Revenue Requirements	New Mexico Office of Attorney General
Atlantic City Electric Company	E	New Jersey	EM06090638	11/06	Sale of B.L. England	Division of Rate Counsel



<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
United Water Delaware, Inc.	W	Delaware	06-174	10/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Public Service Electric and Gas Company	G	New Jersey	GR05080686	10/06	Societal Benefits Charge	Division of Rate Counsel
Comcast (Avalon, Maple Shade, Gloucester)	C	New Jersey	CR06030136-139	10/06	Form 1205 and 1240 Cable Rates	Division of Rate Counsel
Kansas Gas Service	G	Kansas	06-KGSG-1209-RTS	9/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
New Jersey American Water Co. Elizabethtown Water Company Mount Holly Water Company	W	New Jersey	WR06030257	9/06	Regulatory Policy Taxes Cash Working Capital	Division of Rate Counsel
Tidewater Utilities, Inc.	W	Delaware	06-145	9/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Artesian Water Company	W	Delaware	06-158	9/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Kansas City Power & Light Company	E	Kansas	06-KCPE-828-RTS	8/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Midwest Energy, Inc.	G	Kansas	06-MDWG-1027-RTS	7/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Cablevision Systems Corporation	C	New Jersey	CR05110924, et al.	5/06	Cable Rates - Forms 1205 and 1240	Division of the Ratepayer Advocate
Montague Sewer Company	WW	New Jersey	WR05121056	5/06	Revenue Requirements	Division of the Ratepayer Advocate
Comcast of South Jersey	C	New Jersey	CR05119035, et al.	5/06	Cable Rates - Form 1240	Division of the Ratepayer Advocate
Comcast of New Jersey	C	New Jersey	CR05090826-827	4/06	Cable Rates - Form 1240	Division of the Ratepayer Advocate
Parkway Water Company	W	New Jersey	WR05070634	3/06	Revenue Requirements Cost of Capital	Division of the Ratepayer Advocate
Aqua Pennsylvania, Inc.	W	Pennsylvania	R-00051030	2/06	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	G	Delaware	05-312F	2/06	Gas Cost Rates	Division of the Public Advocate
Delmarva Power and Light Company	E	Delaware	05-304	12/05	Revenue Requirements Cost of Capital	Division of the Public Advocate
Artesian Water Company	W	Delaware	04-42	10/05	Revenue Requirements Cost of Capital	Division of the Public Advocate
Utility Systems, Inc.	WW	Delaware	335-05	9/05	Regulatory Policy	Division of the Ratepayer Advocate
Westar Energy, Inc.	E	Kansas	05-WSEE-981-RTS	9/05	Revenue Requirements	Citizens' Utility Ratepayer Board
Empire Electric District Company	E	Kansas	05-EPDE-980-RTS	8/05	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Comcast Cable	C	New Jersey	CR05030186	8/05	Form 1205	Division of the Ratepayer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Pawtucket Water Supply Board	W	Rhode Island	3674	7/05	Revenue Requirements	Division of Public Utilities and Carriers
Delmarva Power and Light Company	E	Delaware	04-391	7/05	Standard Offer Service	Division of the Public Advocate
Patriot Media & Communications CNJ, LLC	C	New Jersey	CR04111453-455	6/05	Cable Rates	Division of the Ratepayer Advocate
Cablevision	C	New Jersey	CR04111379, et al.	6/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of Mercer County, LLC	C	New Jersey	CR04111458	6/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of South Jersey, LLC, et al.	C	New Jersey	CR04101356, et al.	5/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of Central New Jersey LLC, et al.	C	New Jersey	CR04101077, et al.	4/05	Cable Rates	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	3660	4/05	Revenue Requirements	Division of Public Utilities and Carriers
Aquila, Inc.	G	Kansas	05-AQLG-367-RTS	3/05	Revenue Requirements Cost of Capital Tariff Issues	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	04-334F	3/05	Gas Service Rates	Division of the Public Advocate
Delmarva Power and Light Company	G	Delaware	04-301F	3/05	Gas Cost Rates	Division of the Public Advocate
Delaware Electric Cooperative, Inc.	E	Delaware	04-288	12/04	Revenue Requirements Cost of Capital	Division of the Public Advocate
Public Service Company of New Mexico	E	New Mexico	04-00311-UT	11/04	Renewable Energy Plans	Office of the New Mexico Attorney General
Woonsocket Water Division	W	Rhode Island	3626	10/04	Revenue Requirements	Division of Public Utilities and Carriers
Aquila, Inc.	E	Kansas	04-AQLE-1065-RTS	10/04	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
United Water Delaware, Inc.	W	Delaware	04-121	8/04	Conservation Rates (Affidavit)	Division of the Public Advocate
Atlantic City Electric Company	E	New Jersey	ER03020110 PUC 06061-2003S	8/04	Deferred Balance Phase II	Division of the Ratepayer Advocate
Kentucky American Water Company	W	Kentucky	2004-00103	8/04	Revenue Requirements	Office of Rate Intervention of the Attorney General
Shorelands Water Company	W	New Jersey	WR04040295	8/04	Revenue Requirements Cost of Capital	Division of the Ratepayer Advocate
Artesian Water Company	W	Delaware	04-42	8/04	Revenue Requirements Cost of Capital	Division of the Public Advocate
Long Neck Water Company	W	Delaware	04-31	7/04	Cost of Equity	Division of the Public Advocate
Tidewater Utilities, Inc.	W	Delaware	04-152	7/04	Cost of Capital	Division of the Public Advocate

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Cablevision	C	New Jersey	CR03100850, et al.	6/04	Cable Rates	Division of the Ratepayer Advocate
Montague Water and Sewer Companies	W/WW	New Jersey	WR03121034 (W) WR03121035 (S)	5/04	Revenue Requirements	Division of the Ratepayer Advocate
Comcast of South Jersey, Inc.	C	New Jersey	CR03100876,77,79,80	5/04	Form 1240 Cable Rates	Division of the Ratepayer Advocate
Comcast of Central New Jersey, et al.	C	New Jersey	CR03100749-750 CR03100759-762	4/04	Cable Rates	Division of the Ratepayer Advocate
Time Warner	C	New Jersey	CR03100763-764	4/04	Cable Rates	Division of the Ratepayer Advocate
Interstate Navigation Company	N	Rhode Island	3573	3/04	Revenue Requirements	Division of Public Utilities and Carriers
Aqua Pennsylvania, Inc.	W	Pennsylvania	R-00038805	2/04	Revenue Requirements	Pennsylvania Office of Consumer Advocate
Comcast of Jersey City, et al.	C	New Jersey	CR03080598-601	2/04	Cable Rates	Division of the Ratepayer Advocate
Delmarva Power and Light Company	G	Delaware	03-378F	2/04	Fuel Clause	Division of the Public Advocate
Atmos Energy Corp.	G	Kansas	03-ATMG-1036-RTS	11/03	Revenue Requirements	Citizens' Utility Ratepayer Board
Aquila, Inc. (UCU)	G	Kansas	02-UTCG-701-GIG	10/03	Using utility assets as collateral	Citizens' Utility Ratepayer Board
CenturyTel of Northwest Arkansas, LLC	T	Arkansas	03-041-U	10/03	Affiliated Interests	The Arkansas Public Service Commission General Staff
Borough of Butler Electric Utility	E	New Jersey	CR03010049/63	9/03	Revenue Requirements	Division of the Ratepayer Advocate
Comcast Cablevision of Avalon Comcast Cable Communications	C	New Jersey	CR03020131-132	9/03	Cable Rates	Division of the Ratepayer Advocate
Delmarva Power and Light Company d/b/a Conectiv Power Delivery	E	Delaware	03-127	8/03	Revenue Requirements	Division of the Public Advocate
Kansas Gas Service	G	Kansas	03-KGSG-602-RTS	7/03	Revenue Requirements	Citizens' Utility Ratepayer Board
Washington Gas Light Company	G	Maryland	8959	6/03	Cost of Capital Incentive Rate Plan	U.S. DOD/FEA
Pawtucket Water Supply Board	W	Rhode Island	3497	6/03	Revenue Requirements	Division of Public Utilities and Carriers
Atlantic City Electric Company	E	New Jersey	EO03020091	5/03	Stranded Costs	Division of the Ratepayer Advocate
Public Service Company of New Mexico	G	New Mexico	03-000-17 UT	5/03	Cost of Capital Cost Allocations	Office of the New Mexico Attorney General
Comcast - Hopewell, et al.	C	New Jersey	CR02110818 CR02110823-825	5/03	Cable Rates	Division of the Ratepayer Advocate
Cablevision Systems Corporation	C	New Jersey	CR02110838, 43-50	4/03	Cable Rates	Division of the Ratepayer Advocate

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Comcast-Garden State / Northwest	C	New Jersey	CR02100715 CR02100719	4/03	Cable Rates	Division of the Ratepayer Advocate
Midwest Energy, Inc. and Westar Energy, Inc.	E	Kansas	03-MDWE-421-ACQ	4/03	Acquisition	Citizens' Utility Ratepayer Board
Time Warner Cable	C	New Jersey	CR02100722 CR02100723	4/03	Cable Rates	Division of the Ratepayer Advocate
Westar Energy, Inc.	E	Kansas	01-WSRE-949-GIE	3/03	Restructuring Plan	Citizens' Utility Ratepayer Board
Public Service Electric and Gas Company	E	New Jersey	ER02080604 PUC 7983-02	1/03	Deferred Balance	Division of the Ratepayer Advocate
Atlantic City Electric Company d/b/a Conectiv Power Delivery	E	New Jersey	ER02080510 PUC 6917-02S	1/03	Deferred Balance	Division of the Ratepayer Advocate
Walkkill Sewer Company	WW	New Jersey	WR02030193 WR02030194	12/02	Revenue Requirements Purchased Sewage Treatment Adj. (PSTAC)	Division of the Ratepayer Advocate
Midwest Energy, Inc.	E	Kansas	03-MDWE-001-RTS	12/02	Revenue Requirements	Citizens' Utility Ratepayer Board
Comcast-LBI Crestwood	C	New Jersey	CR02050272 CR02050270	11/02	Cable Rates	Division of the Ratepayer Advocate
Reliant Energy Arkla	G	Oklahoma	PUD200200166	10/02	Affiliated Interest Transactions	Oklahoma Corporation Commission, Public Utility Division Staff
Midwest Energy, Inc.	G	Kansas	02-MDWG-922-RTS	10/02	Gas Rates	Citizens' Utility Ratepayer Board
Comcast Cablevision of Avalon	C	New Jersey	CR02030134 CR02030137	7/02	Cable Rates	Division of the Ratepayer Advocate
RCN Telecom Services, Inc., and Home Link Communications	C	New Jersey	CR02010044, CR02010047	7/02	Cable Rates	Division of the Ratepayer Advocate
Washington Gas Light Company	G	Maryland	8920	7/02	Rate of Return Rate Design (Rebuttal)	General Services Administration (GSA)
Chesapeake Utilities Corporation	G	Delaware	01-307, Phase II	7/02	Rate Design Tariff Issues	Division of the Public Advocate
Washington Gas Light Company	G	Maryland	8920	6/02	Rate of Return Rate Design	General Services Administration (GSA)
Tidewater Utilities, Inc.	W	Delaware	02-28	6/02	Revenue Requirements	Division of the Public Advocate
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	5/02	Financial Plan	Citizens' Utility Ratepayer Board
Empire District Electric Company	E	Kansas	02-EPDE-488-RTS	5/02	Revenue Requirements	Citizens' Utility Ratepayer Board
Southwestern Public Service Company	E	New Mexico	3709	4/02	Fuel Costs	Office of the New Mexico Attorney General
Cablevision Systems	C	New Jersey	CR01110706, et al	4/02	Cable Rates	Division of the Ratepayer Advocate
Potomac Electric Power Company	E	District of Columbia	945, Phase II	4/02	Divestiture Procedures	General Services Administration (GSA)

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Vermont Yankee Nuclear Power Corp.	E	Vermont	6545	3/02	Sale of VY to Entergy Corp. (Supplemental)	Department of Public Service
Delmarva Power and Light Company	G	Delaware	01-348F	1/02	Gas Cost Adjustment	Division of the Public Advocate
Vermont Yankee Nuclear Power Corp.	E	Vermont	6545	1/02	Sale of VY to Entergy Corp.	Department of Public Service
Pawtucket Water Supply Company	W	Rhode Island	3378	12/01	Revenue Requirements	Division of Public Utilities and Carriers
Chesapeake Utilities Corporation	G	Delaware	01-307, Phase I	12/01	Revenue Requirements	Division of the Public Advocate
Potomac Electric Power Company	E	Maryland	8796	12/01	Divestiture Procedures	General Services Administration (GSA)
Kansas Electric Power Cooperative	E	Kansas	01-KEPE-1106-RTS	11/01	Depreciation Methodology (Cross Answering)	Citizens' Utility Ratepayer Board
Wellsboro Electric Company	E	Pennsylvania	R-00016356	11/01	Revenue Requirements	Office of Consumer Advocate
Kent County Water Authority	W	Rhode Island	3311	10/01	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Pepco and New RC, Inc.	E	District of Columbia	1002	10/01	Merger Issues and Performance Standards	General Services Administration (GSA)
Potomac Electric Power Co. & Delmarva Power	E	Delaware	01-194	10/01	Merger Issues and Performance Standards	Division of the Public Advocate
Yankee Gas Company	G	Connecticut	01-05-19PH01	9/01	Affiliated Transactions	Office of Consumer Counsel
Hope Gas, Inc., d/b/a Dominion Hope	G	West Virginia	01-0330-G-42T 01-0331-G-30C 01-1842-GT-T 01-0685-G-PC	9/01	Revenue Requirements (Rebuttal)	The Consumer Advocate Division of the PSC
Pennsylvania-American Water Company	W	Pennsylvania	R-00016339	9/01	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Potomac Electric Power Co. & Delmarva Power	E	Maryland	8890	9/01	Merger Issues and Performance Standards	General Services Administration (GSA)
Comcast Cablevision of Long Beach Island, et al	C	New Jersey	CR01030149-50 CR01050285	9/01	Cable Rates	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	3311	8/01	Revenue Requirements	Division of Public Utilities and Carriers
Pennsylvania-American Water Company	W	Pennsylvania	R-00016339	8/01	Revenue Requirements	Office of Consumer Advocate
Roxiticus Water Company	W	New Jersey	WR01030194	8/01	Revenue Requirements Cost of Capital Rate Design	Division of the Ratepayer Advocate
Hope Gas, Inc., d/b/a Dominion Hope	G	West Virginia	01-0330-G-42T 01-0331-G-30C 01-1842-GT-T 01-0685-G-PC	8/01	Revenue Requirements	Consumer Advocate Division of the PSC

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	6/01	Restructuring Financial Integrity (Rebuttal)	Citizens' Utility Ratepayer Board
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	6/01	Restructuring Financial Integrity	Citizens' Utility Ratepayer Board
Cablevision of Allamuchy, et al	C	New Jersey	CR00100824, etc.	4/01	Cable Rates	Division of the Ratepayer Advocate
Public Service Company of New Mexico	E	New Mexico	3137, Holding Co.	4/01	Holding Company	Office of the Attorney General
Keauhou Community Services, Inc.	W	Hawaii	00-0094	4/01	Rate Design	Division of Consumer Advocacy
Western Resources, Inc.	E	Kansas	01-WSRE-436-RTS	4/01	Revenue Requirements Affiliated Interests (Motion for Suppl. Changes)	Citizens' Utility Ratepayer Board
Western Resources, Inc.	E	Kansas	01-WSRE-436-RTS	4/01	Revenue Requirements Affiliated Interests	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	E	New Mexico	3137, Part III	4/01	Standard Offer Service (Additional Direct)	Office of the Attorney General
Chem-Nuclear Systems, LLC	SW	South Carolina	2000-366-A	3/01	Allowable Costs	Department of Consumer Affairs
Southern Connecticut Gas Company	G	Connecticut	00-12-08	3/01	Affiliated Interest Transactions	Office of Consumer Counsel
Atlantic City Sewerage Corporation	WW	New Jersey	WR00080575	3/01	Revenue Requirements Cost of Capital Rate Design	Division of the Ratepayer Advocate
Delmarva Power and Light Company d/b/a Conectiv Power Delivery	G	Delaware	00-314	3/01	Margin Sharing	Division of the Public Advocate
Senate Bill 190 Re: Performance Based Ratemaking	G	Kansas	Senate Bill 190	2/01	Performance-Based Ratemaking Mechanisms	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	G	Delaware	00-463-F	2/01	Gas Cost Rates	Division of the Public Advocate
Waitsfield Fayston Telephone Company	T	Vermont	6417	12/00	Revenue Requirements	Department of Public Service
Delaware Electric Cooperative	E	Delaware	00-365	11/00	Code of Conduct Cost Allocation Manual	Division of the Public Advocate
Commission Inquiry into Performance-Based Ratemaking	G	Kansas	00-GIMG-425-GIG	10/00	Performance-Based Ratemaking Mechanisms	Citizens' Utility Ratepayer Board
Pawtucket Water Supply Board	W	Rhode Island	3164 Separation Plan	10/00	Revenue Requirements	Division of Public Utilities and Carriers
Comcast Cablevision of Philadelphia, L.P.	C	Pennsylvania	3756	10/00	Late Payment Fees (Affidavit)	Kaufman, Lankelis, et al.
Public Service Company of New Mexico	E	New Mexico	3137, Part III	9/00	Standard Offer Service	Office of the Attorney General
Laie Water Company	W	Hawaii	00-0017 Separation Plan	8/00	Rate Design	Division of Consumer Advocacy
El Paso Electric Company	E	New Mexico	3170, Part II, Ph. 1	7/00	Electric Restructuring	Office of the Attorney General

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Public Service Company of New Mexico	E	New Mexico	3137 - Part II Separation Plan	7/00	Electric Restructuring	Office of the Attorney General
PG Energy	G	Pennsylvania	R-00005119	6/00	Revenue Requirements	Office of Consumer Advocate
Consolidated Edison, Inc. and Northeast Utilities	E/G	Connecticut	00-01-11	4/00	Merger Issues (Additional Supplemental)	Office of Consumer Counsel
Sussex Shores Water Company	W	Delaware	99-576	4/00	Revenue Requirements	Division of the Public Advocate
Utilicorp United, Inc.	G	Kansas	00-UTCG-336-RTS	4/00	Revenue Requirements	Citizens' Utility Ratepayer Board
TCI Cablevision	C	Missouri	9972-9146	4/00	Late Fees (Affidavit)	Honora Eppert, et al
Oklahoma Natural Gas Company	G	Oklahoma	PUD 990000166 PUD 980000683 PUD 990000570	3/00	Pro Forma Revenue Affiliated Transactions (Rebuttal)	Oklahoma Corporation Commission, Public Utility Division Staff
Tidewater Utilities, Inc. Public Water Supply Co.	W	Delaware	99-466	3/00	Revenue Requirements	Division of the Public Advocate
Delmarva Power and Light Company	G/E	Delaware	99-582	3/00	Cost Accounting Manual Code of Conduct	Division of the Public Advocate
Philadelphia Suburban Water Company	W	Pennsylvania	R-00994868 R-00994877 R-00994878 R-00994879	3/00	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Philadelphia Suburban Water Company	W	Pennsylvania	R-00994868 R-00994877 R-00994878 R-00994879	2/00	Revenue Requirements	Office of Consumer Advocate
Consolidated Edison, Inc. and Northeast Utilities	E/G	Connecticut	00-01-11	2/00	Merger Issues	Office of Consumer Counsel
Oklahoma Natural Gas Company	G	Oklahoma	PUD 990000166 PUD 980000683 PUD 990000570	1/00	Pro Forma Revenue Affiliated Transactions	Oklahoma Corporation Commission, Public Utility Division Staff
Connecticut Natural Gas Company	G	Connecticut	99-09-03	1/00	Affiliated Transactions	Office of Consumer Counsel
Time Warner Entertainment Company, L.P.	C	Indiana	48D06-9803-CP-423	1999	Late Fees (Affidavit)	Kelly J. Whiteman, et al
TCI Communications, Inc., et al	C	Indiana	55D01-9709-CP-00415	1999	Late Fees (Affidavit)	Franklin E. Littell, et al
Southwestern Public Service Company	E	New Mexico	3116	12/99	Merger Approval	Office of the Attorney General
New England Electric System Eastern Utility Associates	E	Rhode Island	2930	11/99	Merger Policy	Department of Attorney General
Delaware Electric Cooperative	E	Delaware	99-457	11/99	Electric Restructuring	Division of the Public Advocate
Jones Intercable, Inc.	C	Maryland	CAL98-00283	10/99	Cable Rates (Affidavit)	Cynthia Maisonette and Ola Renee Chatman, et al

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Texas-New Mexico Power Company	E	New Mexico	3103	10/99	Acquisition Issues	Office of Attorney General
Southern Connecticut Gas Company	G	Connecticut	99-04-18	9/99	Affiliated Interest	Office of Consumer Counsel
TCI Cable Company	C	New Jersey	CR99020079 et al	9/99	Cable Rates Forms 1240/1205	Division of the Ratepayer Advocate
All Regulated Companies	E/G/W	Delaware	Reg. No. 4	8/99	Filing Requirements (Position Statement)	Division of the Public Advocate
Mile High Cable Partners	C	Colorado	95-CV-5195	7/99	Cable Rates (Affidavit)	Brett Marshall, an individual, et al
Electric Restructuring Comments	E	Delaware	Reg. 49	7/99	Regulatory Policy (Supplemental)	Division of the Public Advocate
Long Neck Water Company	W	Delaware	99-31	6/99	Revenue Requirements	Division of the Public Advocate
Delmarva Power and Light Company	E	Delaware	99-163	6/99	Electric Restructuring	Division of the Public Advocate
Potomac Electric Power Company	E	District of Columbia	945	6/99	Divestiture of Generation Assets	U.S. GSA - Public Utilities
Comcast	C	Indiana	49C01-9802-CP-000386	6/99	Late Fees (Affidavit)	Ken Hecht, et al
Petitions of BA-NJ and NJPA re: Payphone Ops	T	New Jersey	TO97100792 PUCOT 11269-97N	6/99	Economic Subsidy Issues (Surrebuttal)	Division of the Ratepayer Advocate
Montague Water and Sewer Companies	W/WW	New Jersey	WR98101161 WR98101162 PUCRS 11514-98N	5/99	Revenue Requirements Rate Design (Supplemental)	Division of the Ratepayer Advocate
Cablevision of Bergen, Bayonne, Newark	C	New Jersey	CR98111197-199 CR98111190	5/99	Cable Rates Forms 1240/1205	Division of the Ratepayer Advocate
Cablevision of Bergen, Hudson, Monmouth	C	New Jersey	CR97090624-626 CTV 1697-98N	5/99	Cable Rates - Form 1235 (Rebuttal)	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2860	4/99	Revenue Requirements	Division of Public Utilities & Carriers
Montague Water and Sewer Companies	W/WW	New Jersey	WR98101161 WR98101162	4/99	Revenue Requirements Rate Design	Division of the Ratepayer Advocate
PEPCO	E	District of Columbia	945	4/99	Divestiture of Assets	U.S. GSA - Public Utilities
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	4/99	Merger Approval (Surrebuttal)	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	E	Delaware	98-479F	3/99	Fuel Costs	Division of the Public Advocate
Lenfest Atlantic d/b/a Suburban Cable	C	New Jersey	CR97070479 et al	3/99	Cable Rates	Division of the Ratepayer Advocate
Electric Restructuring Comments	E	District of Columbia	945	3/99	Regulatory Policy	U.S. GSA - Public Utilities



<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Petitions of BA-NJ and NJPA re: Payphone Ops	T	New Jersey	TO97100792 PUCOT 11269-97N	3/99	Tariff Revision Payphone Subsidies FCC Services Test (Rebuttal)	Division of the Ratepayer Advocate
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	3/99	Merger Approval (Answering)	Citizens' Utility Ratepayer Board
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	2/99	Merger Approval	Citizens' Utility Ratepayer Board
Adelphia Cable Communications	C	Vermont	6117-6119	1/99	Late Fees (Additional Direct Supplemental)	Department of Public Service
Adelphia Cable Communications	C	Vermont	6117-6119	12/98	Cable Rates (Forms 1240, 1205, 1235) and Late Fees (Direct Supplemental)	Department of Public Service
Adelphia Cable Communications	C	Vermont	6117-6119	12/98	Cable Rates (Forms 1240, 1205, 1235) and Late Fees	Department of Public Service
Orange and Rockland/ Consolidated Edison	E	New Jersey	EM98070433	11/98	Merger Approval	Division of the Ratepayer Advocate
Cablevision	C	New Jersey	CR97090624 CR97090625 CR97090626	11/98	Cable Rates - Form 1235	Division of the Ratepayer Advocate
Petitions of BA-NJ and NJPA re: Payphone Ops.	T	New Jersey	TO97100792 PUCOT 11269-97N	10/98	Payphone Subsidies FCC New Services Test	Division of the Ratepayer Advocate
United Water Delaware	W	Delaware	98-98	8/98	Revenue Requirements	Division of the Public Advocate
Cablevision	C	New Jersey	CR97100719, 726 730, 732	8/98	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Potomac Electric Power Company	E	Maryland	Case No. 8791	8/98	Revenue Requirements Rate Design	U.S. GSA - Public Utilities
Investigation of BA-NJ IntraLATA Calling Plans	T	New Jersey	TO97100808 PUCOT 11326-97N	8/98	Anti-Competitive Practices (Rebuttal)	Division of the Ratepayer Advocate
Investigation of BA-NJ IntraLATA Calling Plans	T	New Jersey	TO97100808 PUCOT 11326-97N	7/98	Anti-Competitive Practices	Division of the Ratepayer Advocate
TCI Cable Company/ Cablevision	C	New Jersey	CTV 03264-03268 and CTV 05061	7/98	Cable Rates	Division of the Ratepayer Advocate
Mount Holly Water Company	W	New Jersey	WR98020058 PUC 03131-98N	7/98	Revenue Requirements	Division of the Ratepayer Advocate
Pawtucket Water Supply Board	W	Rhode Island	2674	5/98	Revenue Requirements (Surrebuttal)	Division of Public Utilities & Carriers
Pawtucket Water Supply Board	W	Rhode Island	2674	4/98	Revenue Requirements	Division of Public Utilities and Carriers
Energy Master Plan Phase II Proceeding - Restructuring	E	New Jersey	EX94120585U, EO97070457,60,63,66	4/98	Electric Restructuring Issues (Supplemental Surrebuttal)	Division of the Ratepayer Advocate
Energy Master Plan Phase I Proceeding - Restructuring	E	New Jersey	EX94120585U, EO97070457,60,63,66	3/98	Electric Restructuring Issues	Division of the Ratepayer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Shorelands Water Company	W	New Jersey	WR97110835 PUC 11324-97	2/98	Revenue Requirements	Division of the Ratepayer Advocate
TCI Communications, Inc.	C	New Jersey	CR97030141 and others	11/97	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Citizens Telephone Co. of Kecksburg	T	Pennsylvania	R-00971229	11/97	Alternative Regulation Network Modernization	Office of Consumer Advocate
Consumers Pennsylvania Water Co. - Shenango Valley Division	W	Pennsylvania	R-00973972	10/97	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Universal Service Funding	T	New Jersey	TX95120631	10/97	Schools and Libraries Funding (Rebuttal)	Division of the Ratepayer Advocate
Universal Service Funding	T	New Jersey	TX95120631	9/97	Low Income Fund High Cost Fund	Division of the Ratepayer Advocate
Consumers Pennsylvania Water Co. - Shenango Valley Division	W	Pennsylvania	R-00973972	9/97	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	G/E	Delaware	97-65	9/97	Cost Accounting Manual Code of Conduct	Office of the Public Advocate
Western Resources, Oneok, and WAI	G	Kansas	WSRG-486-MER	9/97	Transfer of Gas Assets	Citizens' Utility Ratepayer Board
Universal Service Funding	T	New Jersey	TX95120631	9/97	Schools and Libraries Funding (Rebuttal)	Division of the Ratepayer Advocate
Universal Service Funding	T	New Jersey	TX95120631	8/97	Schools and Libraries Funding	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2555	8/97	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Ironton Telephone Company	T	Pennsylvania	R-00971182	8/97	Alternative Regulation Network Modernization (Surrebuttal)	Office of Consumer Advocate
Ironton Telephone Company	T	Pennsylvania	R-00971182	7/97	Alternative Regulation Network Modernization	Office of Consumer Advocate
Comcast Cablevision	C	New Jersey	Various	7/97	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Maxim Sewerage Corporation	WW	New Jersey	WR97010052 PUCRA 3154-97N	7/97	Revenue Requirements	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2555	6/97	Revenue Requirements	Division of Public Utilities and Carriers
Consumers Pennsylvania Water Co. - Roaring Creek	W	Pennsylvania	R-00973869	6/97	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Consumers Pennsylvania Water Co. - Roaring Creek	W	Pennsylvania	R-00973869	5/97	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	E	Delaware	97-58	5/97	Merger Policy	Office of the Public Advocate
Middlesex Water Company	W	New Jersey	WR96110818 PUCRL 11663-96N	4/97	Revenue Requirements	Division of the Ratepayer Advocate
Maxim Sewerage Corporation	WW	New Jersey	WR96080628 PUCRA 09374-96N	3/97	Purchased Sewerage Adjustment	Division of the Ratepayer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Interstate Navigation Company	N	Rhode Island	2484	3/97	Revenue Requirements Cost of Capital (Surrebuttal)	Division of Public Utilities & Carriers
Interstate Navigation Company	N	Rhode Island	2484	2/97	Revenue Requirements Cost of Capital	Division of Public Utilities & Carriers
Electric Restructuring Comments	E	District of Columbia	945	1/97	Regulatory Policy	U.S. GSA - Public Utilities
United Water Delaware	W	Delaware	96-194	1/97	Revenue Requirements	Office of the Public Advocate
PEPCO/ BGE/ Merger Application	E/G	District of Columbia	951	10/96	Regulatory Policy Cost of Capital (Rebuttal)	GSA
Western Resources, Inc.	E	Kansas	193,306-U 193,307-U	10/96	Revenue Requirements Cost of Capital (Supplemental)	Citizens' Utility Ratepayer Board
PEPCO and BGE Merger Application	E/G	District of Columbia	951	9/96	Regulatory Policy, Cost of Capital	U.S. GSA - Public Utilities
Utilicorp United, Inc.	G	Kansas	193,787-U	8/96	Revenue Requirements	Citizens' Utility Ratepayer Board
TKR Cable Company of Gloucester	C	New Jersey	CTV07030-95N	7/96	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
TKR Cable Company of Warwick	C	New Jersey	CTV057537-95N	7/96	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Delmarva Power and Light Company	E	Delaware	95-196F	5/96	Fuel Cost Recovery	Office of the Public Advocate
Western Resources, Inc.	E	Kansas	193,306-U 193,307-U	5/96	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Princeville Utilities Company, Inc.	W/WW	Hawaii	95-0172 95-0168	1/96	Revenue Requirements Rate Design	Princeville at Hanalei Community Association
Western Resources, Inc.	G	Kansas	193,305-U	1/96	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Environmental Disposal Corporation	WW	New Jersey	WR94070319 (Remand Hearing)	11/95	Revenue Requirements Rate Design (Supplemental)	Division of the Ratepayer Advocate
Environmental Disposal Corporation	WW	New Jersey	WR94070319 (Remand Hearing)	11/95	Revenue Requirements	Division of the Ratepayer Advocate
Lanai Water Company	W	Hawaii	94-0366	10/95	Revenue Requirements Rate Design	Division of Consumer Advocacy
Cablevision of New Jersey, Inc.	C	New Jersey	CTV01382-95N	8/95	Basic Service Rates (Oral Testimony)	Division of the Ratepayer Advocate
Cablevision of New Jersey, Inc.	C	New Jersey	CTV01381-95N	8/95	Basic Service Rates (Oral Testimony)	Division of the Ratepayer Advocate
Chesapeake Utilities Corporation	G	Delaware	95-73	7/95	Revenue Requirements	Office of the Public Advocate
East Honolulu Community Services, Inc.	WW	Hawaii	7718	6/95	Revenue Requirements	Division of Consumer Advocacy

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Wilmington Suburban Water Corporation	W	Delaware	94-149	3/95	Revenue Requirements	Office of the Public Advocate
Environmental Disposal Corporation	WW	New Jersey	WR94070319	1/95	Revenue Requirements (Supplemental)	Division of the Ratepayer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00943177	1/95	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00943177	12/94	Revenue Requirements	Office of Consumer Advocate
Environmental Disposal Corporation	WW	New Jersey	WR94070319	12/94	Revenue Requirements	Division of the Ratepayer Advocate
Delmarva Power and Light Company	E	Delaware	94-84	11/94	Revenue Requirements	Office of the Public Advocate
Delmarva Power and Light Company	G	Delaware	94-22	8/94	Revenue Requirements	Office of the Public Advocate
Empire District Electric Company	E	Kansas	190,360-U	8/94	Revenue Requirements	Citizens' Utility Ratepayer Board
Morris County Municipal Utility Authority	SW	New Jersey	MM10930027 ESW 1426-94	6/94	Revenue Requirements	Rate Counsel
US West Communications	T	Arizona	E-1051-93-183	5/94	Revenue Requirements (Surrebuttal)	Residential Utility Consumer Office
Pawtucket Water Supply Board	W	Rhode Island	2158	5/94	Revenue Requirements (Surrebuttal)	Division of Public Utilities & Carriers
US West Communications	T	Arizona	E-1051-93-183	3/94	Revenue Requirements	Residential Utility Consumer Office
Pawtucket Water Supply Board	W	Rhode Island	2158	3/94	Revenue Requirements	Division of Public Utilities & Carriers
Pollution Control Financing Authority of Camden County	SW	New Jersey	SR91111718J	2/94	Revenue Requirements (Supplemental)	Rate Counsel
Roaring Creek Water Company	W	Pennsylvania	R-00932665	9/93	Revenue Requirements (Supplemental)	Office of Consumer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00932665	9/93	Revenue Requirements	Office of Consumer Advocate
Kent County Water Authority	W	Rhode Island	2098	8/93	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Wilmington Suburban Water Company	W	Delaware	93-28	7/93	Revenue Requirements	Office of Public Advocate
Kent County Water Authority	W	Rhode Island	2098	7/93	Revenue Requirements	Division of Public Utilities & Carriers
Camden County Energy Recovery Associates, Inc.	SW	New Jersey	SR91111718J ESW1263-92	4/93	Revenue Requirements	Rate Counsel
Pollution Control Financing Authority of Camden County	SW	New Jersey	SR91111718J ESW 1263-92	4/93	Revenue Requirements	Rate Counsel
Jamaica Water Supply Company	W	New York	92-W-0583	3/93	Revenue Requirements	County of Nassau Town of Hempstead
New Jersey-American Water Company	W/WWW	New Jersey	WR92090908J PUC 7266-92S	2/93	Revenue Requirements	Rate Counsel

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Passaic County Utilities Authority	SW	New Jersey	SR91121816J ESW0671-92N	9/92	Revenue Requirements	Rate Counsel
East Honolulu Community Services, Inc.	WW	Hawaii	7064	8/92	Revenue Requirements	Division of Consumer Advocacy
The Jersey Central Power and Light Company	E	New Jersey	PUC00661-92 ER91121820J	7/92	Revenue Requirements	Rate Counsel
Mercer County Improvement Authority	SW	New Jersey	EWS11261-91S SR91111682J	5/92	Revenue Requirements	Rate Counsel
Garden State Water Company	W	New Jersey	WR9109-1483 PUC 09118-91S	2/92	Revenue Requirements	Rate Counsel
Elizabethtown Water Company	W	New Jersey	WR9108-1293J PUC 08057-91N	1/92	Revenue Requirements	Rate Counsel
New-Jersey American Water Company	W/WW	New Jersey	WR9108-1399J PUC 8246-91	12/91	Revenue Requirements	Rate Counsel
Pennsylvania-American Water Company	W	Pennsylvania	R-911909	10/91	Revenue Requirements	Office of Consumer Advocate
Mercer County Improvement Authority	SW	New Jersey	SR9004-0264J PUC 3389-90	10/90	Revenue Requirements	Rate Counsel
Kent County Water Authority	W	Rhode Island	1952	8/90	Revenue Requirements Regulatory Policy (Surrebuttal)	Division of Public Utilities & Carriers
New York Telephone	T	New York	90-C-0191	7/90	Revenue Requirements Affiliated Interests (Supplemental)	NY State Consumer Protection Board
New York Telephone	T	New York	90-C-0191	7/90	Revenue Requirements Affiliated Interests	NY State Consumer Protection Board
Kent County Water Authority	W	Rhode Island	1952	6/90	Revenue Requirements Regulatory Policy	Division of Public Utilities & Carriers
Ellesor Transfer Station	SW	New Jersey	SO8712-1407 PUC 1768-88	11/89	Regulatory Policy	Rate Counsel
Interstate Navigation Co.	N	Rhode Island	D-89-7	8/89	Revenue Requirements Regulatory Policy	Division of Public Utilities & Carriers
Automated Modular Systems, Inc.	SW	New Jersey	PUC1769-88	5/89	Revenue Requirements Schedules	Rate Counsel
SNET Cellular, Inc.	T	Connecticut	-	2/89	Regulatory Policy	First Selectman Town of Redding

## **APPENDIX B**

### **NOAA Weather Data**



# Climate At A Glance

## Winter (Dec-Feb) Temperature New Mexico

Some of the following data are preliminary and have not been quality controlled.  
For official data, please contact the NCDC customer services branch at [ncdc.info@noaa.gov](mailto:ncdc.info@noaa.gov).

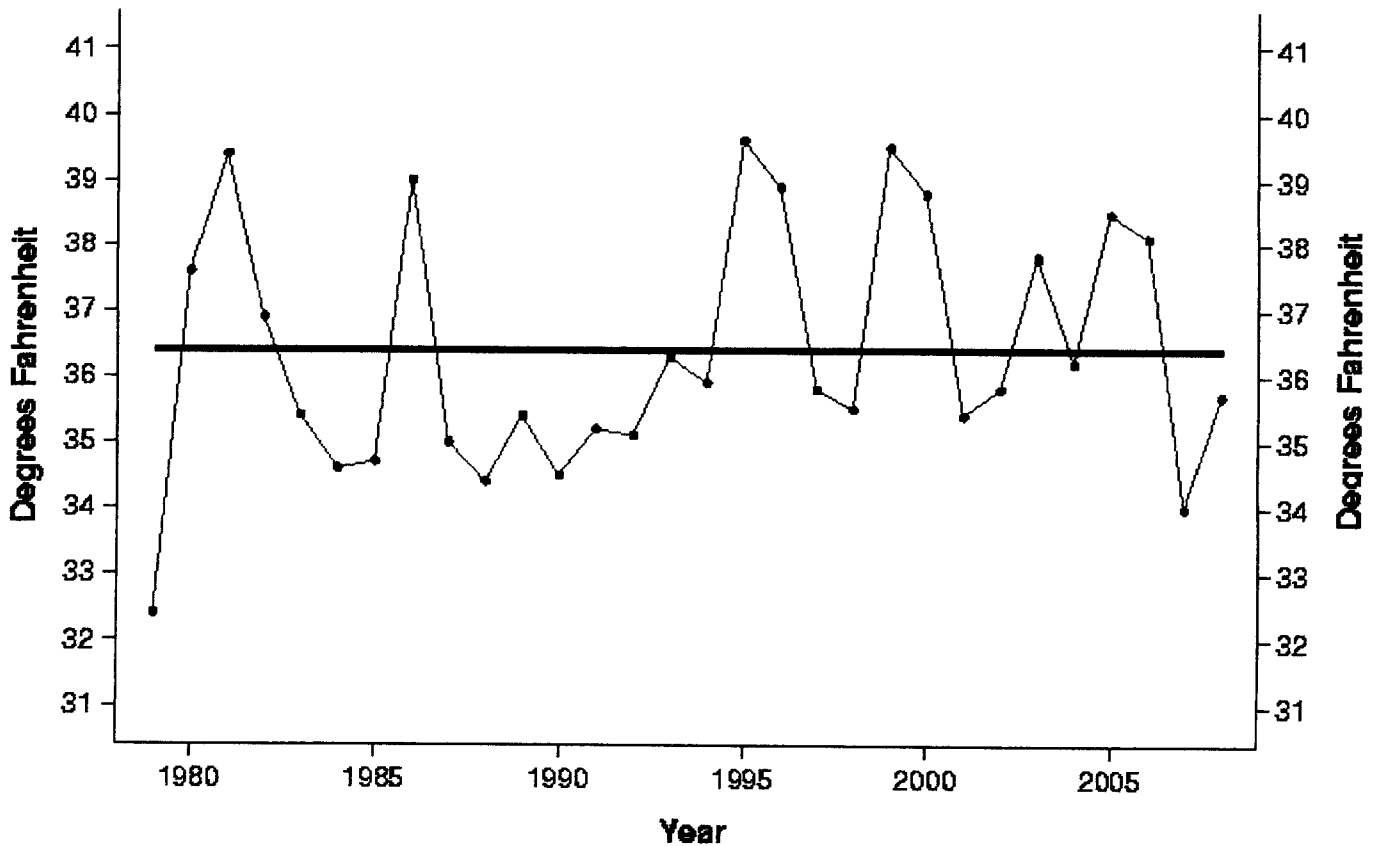
**Winter (Dec-Feb)  
1979 - 2008 Data**


**Values:**

Winter (Dec-Feb) 2008: 35.7 degF Rank: 14

**Winter (Dec-Feb) 1979 - 2008 Average = 36.39 degF**  
**Winter (Dec-Feb) 1979 - 2008 Trend = 0.43 degF / Decade**

— **Actual Temperature**  
— **Average Temperature**



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*This graph was dynamically generated 03 /11 /2008 at 09:26:24*

*via <http://www.ncdc.noaa.gov/oa/climate/research/cag3/nm.html>*

*Please send questions to [Karin.L.Gleason@noaa.gov](mailto:Karin.L.Gleason@noaa.gov)*

*Please see the NCDC Contact Page if you have questions or comments.*





# Climate At A Glance


## Winter (Dec-Feb) Temperature New Mexico

(sorted by year)

Year	Temperature	Rank Based on the Time Period Selected (1979-2008)*	Rank Based on the Period of Record (1895-2008)*
2008	35.7 deg F	14	55
2007	34.0 deg F	2	25
2006	38.1 deg F	23	99
2005	38.5 deg F	24	102
2004	36.2 deg F	18	65
2003	37.8 deg F	22	94
2002	35.8 deg F	15	61
2001	35.4 deg F	10	48
2000	38.8 deg F	25	105
1999	39.5 deg F	29	111
1998	35.5 deg F	13	51
1997	35.8 deg F	15	61
1996	38.9 deg F	26	106
1995	39.6 deg F	30	112
1994	35.9 deg F	17	63
1993	36.3 deg F	19	67
1992	35.1 deg F	8	41
1991	35.2 deg F	9	43
1990	34.5 deg F	4	34
1989	35.4 deg F	10	48
1988	34.4 deg F	3	31
1987	35.0 deg F	7	40
1986	39.0 deg F	27	107
1985	34.7 deg F	6	36
1984	34.6 deg F	5	35

1983	35.4 deg F	10	48
1982	36.9 deg F	20	82
1981	39.4 deg F	28	110
1980	37.6 deg F	21	92
1979	32.4 deg F	1	6

*\*Highest temperature rank denotes the hottest year for the period.  
 Lowest temperature rank denotes the coldest year for the period.*

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*This table was dynamically generated 03 /11 /2008 at 07:18:50  
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# Climate At A Glance

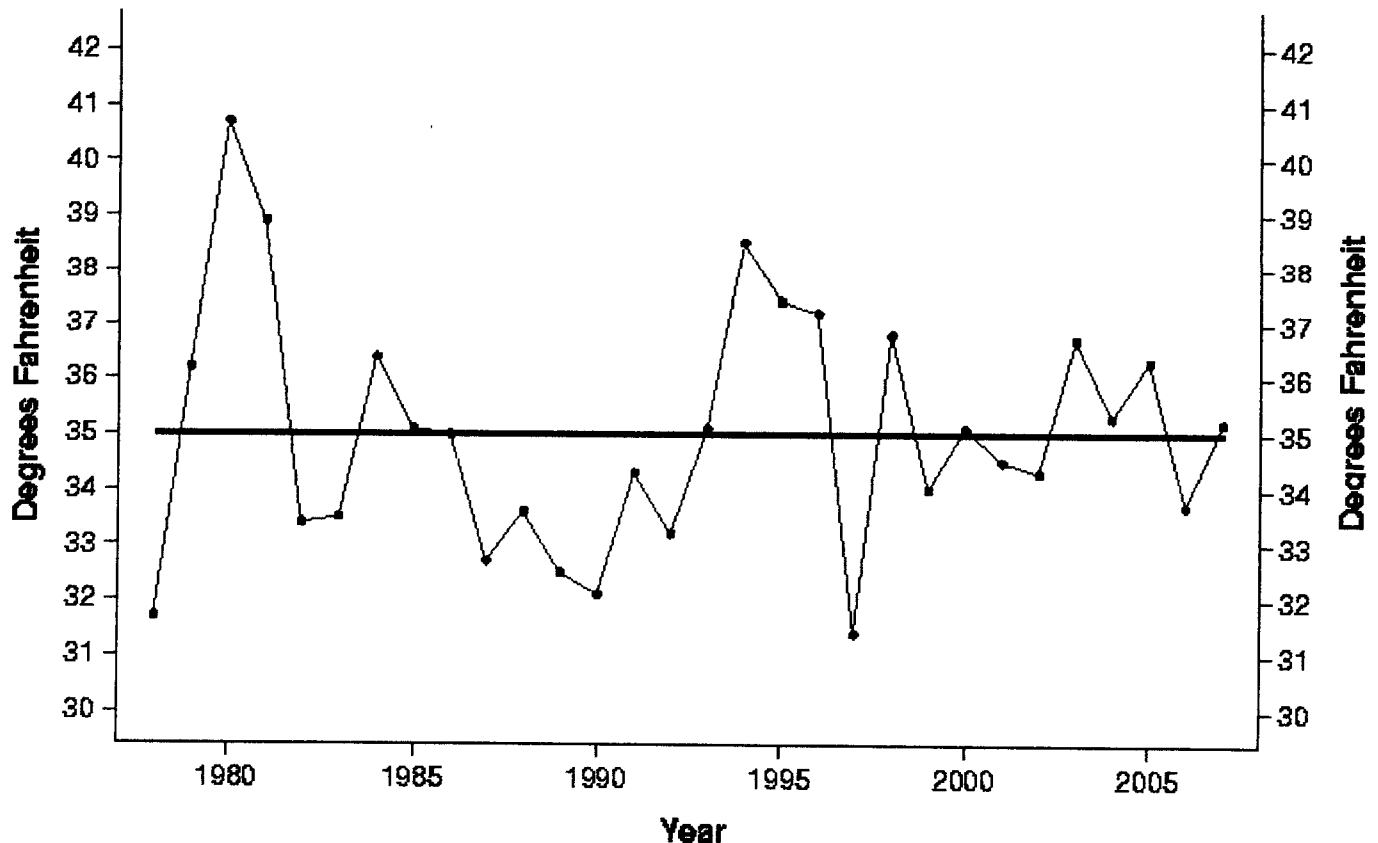
## December Temperature New Mexico


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For official data, please contact the NCDC customer services branch at [ncdc.info@noaa.gov](mailto:ncdc.info@noaa.gov).

**December 1978 -  
2007 Data Values:**  
December 2007: 35.2 degF Rank: 19

**December 1978 - 2000 Average = 34.99 degF**  
**December 1978 - 2007 Trend = -0.05 degF / Decade**

— Actual Temperature  
— Average Temperature



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*via <http://www.ncdc.noaa.gov/oa/climate/research/cag3/nm.html>*

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*Please see the [NCDC Contact Page](#) if you have questions or comments.*



# Climate At A Glance

## December Temperature New Mexico

(sorted by year)

<b>Year</b>	<b>Temperature</b>	<b>Rank Based on the Time Period Selected (1978-2007)*</b>	<b>Rank Based on the Period of Record (1895-2007)*</b>
2007	35.2 deg F	19	62
2006	33.7 deg F	10	42
2005	36.3 deg F	22	76
2004	35.3 deg F	20	63
2003	36.7 deg F	24	82
2002	34.3 deg F	12	51
2001	34.5 deg F	14	53
2000	35.1 deg F	18	61
1999	34.0 deg F	11	46
1998	36.8 deg F	25	86
1997	31.4 deg F	1	17
1996	37.2 deg F	26	90
1995	37.4 deg F	27	92
1994	38.5 deg F	28	103
1993	35.1 deg F	18	61
1992	33.2 deg F	6	33
1991	34.3 deg F	12	51
1990	32.1 deg F	3	20
1989	32.5 deg F	4	22
1988	33.6 deg F	9	40
1987	32.7 deg F	5	25
1986	35.0 deg F	15	56
1985	35.1 deg F	18	61
1984	36.4 deg F	23	77
1983	33.5 deg F	8	38

1982	33.4 deg F	7	37
1981	38.9 deg F	29	106
1980	40.7 deg F	30	113
1979	36.2 deg F	21	74
1978	31.7 deg F	2	18

*\*Highest temperature rank denotes the hottest year for the period.  
 Lowest temperature rank denotes the coldest year for the period.*

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# Climate At A Glance

## January Temperature New Mexico

Some of the following data are preliminary and have not been quality controlled.  
For official data, please contact the NCDC customer services branch at [ncdc.info@noaa.gov](mailto:ncdc.info@noaa.gov).

January 1979 - 2008

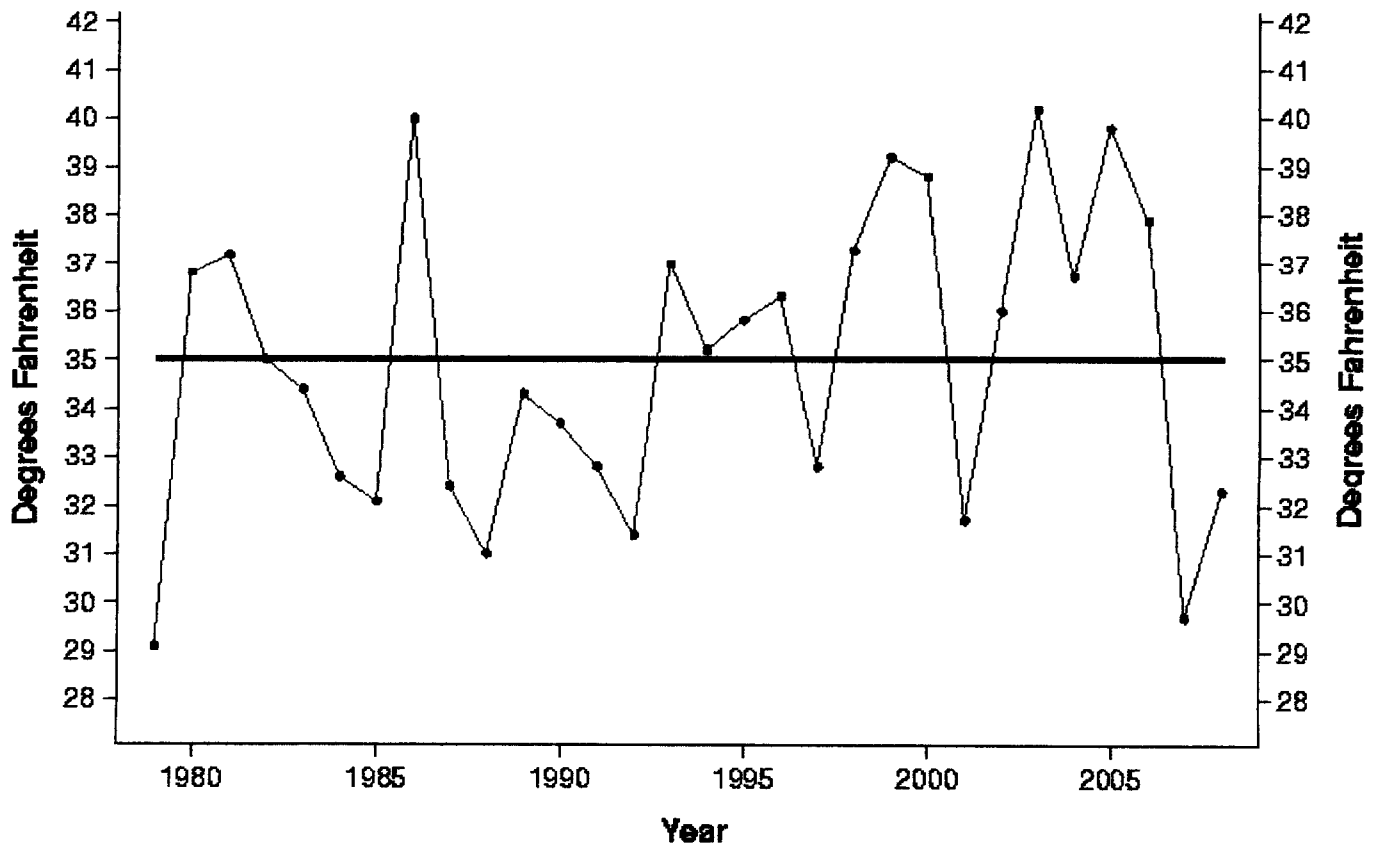
Data Values:


January 2008: 32.3 degF Rank: 7

January 1979 - 2008 Average = 34.98 degF

January 1979 - 2008 Trend = 0.86 degF / Decade

— Actual Temperature  
 — Average Temperature



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*Please see the NCDC Contact Page if you have questions or comments.*





# Climate At A Glance

## January Temperature New Mexico

(sorted by year)

<b>Year</b>	<b>Temperature</b>	<b>Rank Based on the Time Period Selected (1979-2008)*</b>	<b>Rank Based on the Period of Record (1895-2008)*</b>
2008	32.3 deg F	7	38
2007	29.7 deg F	2	11
2006	37.9 deg F	25	97
2005	39.8 deg F	28	109
2004	36.7 deg F	20	86
2003	40.2 deg F	30	112
2002	36.0 deg F	18	80
2001	31.7 deg F	5	30
2000	38.8 deg F	26	104
1999	39.2 deg F	27	106
1998	37.3 deg F	24	94
1997	32.8 deg F	10	42
1996	36.3 deg F	19	85
1995	35.8 deg F	17	76
1994	35.2 deg F	16	71
1993	37.0 deg F	22	90
1992	31.4 deg F	4	24
1991	32.8 deg F	10	42
1990	33.7 deg F	12	53
1989	34.3 deg F	13	60
1988	31.0 deg F	3	21
1987	32.4 deg F	8	39
1986	40.0 deg F	29	110
1985	32.1 deg F	6	36
1984	32.6 deg F	9	41

1983	34.4 deg F	14	62
1982	35.0 deg F	15	69
1981	37.2 deg F	23	93
1980	36.8 deg F	21	89
1979	29.1 deg F	1	4

*\*Highest temperature rank denotes the hottest year for the period.  
 Lowest temperature rank denotes the coldest year for the period.*

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 Please see the NCDC Contact Page if you have questions or comments.*



# Climate At A Glance

## February Temperature New Mexico

Some of the following data are preliminary and have not been quality controlled.  
For official data, please contact the NCDC customer services branch at [ncdc.info@noaa.gov](mailto:ncdc.info@noaa.gov).

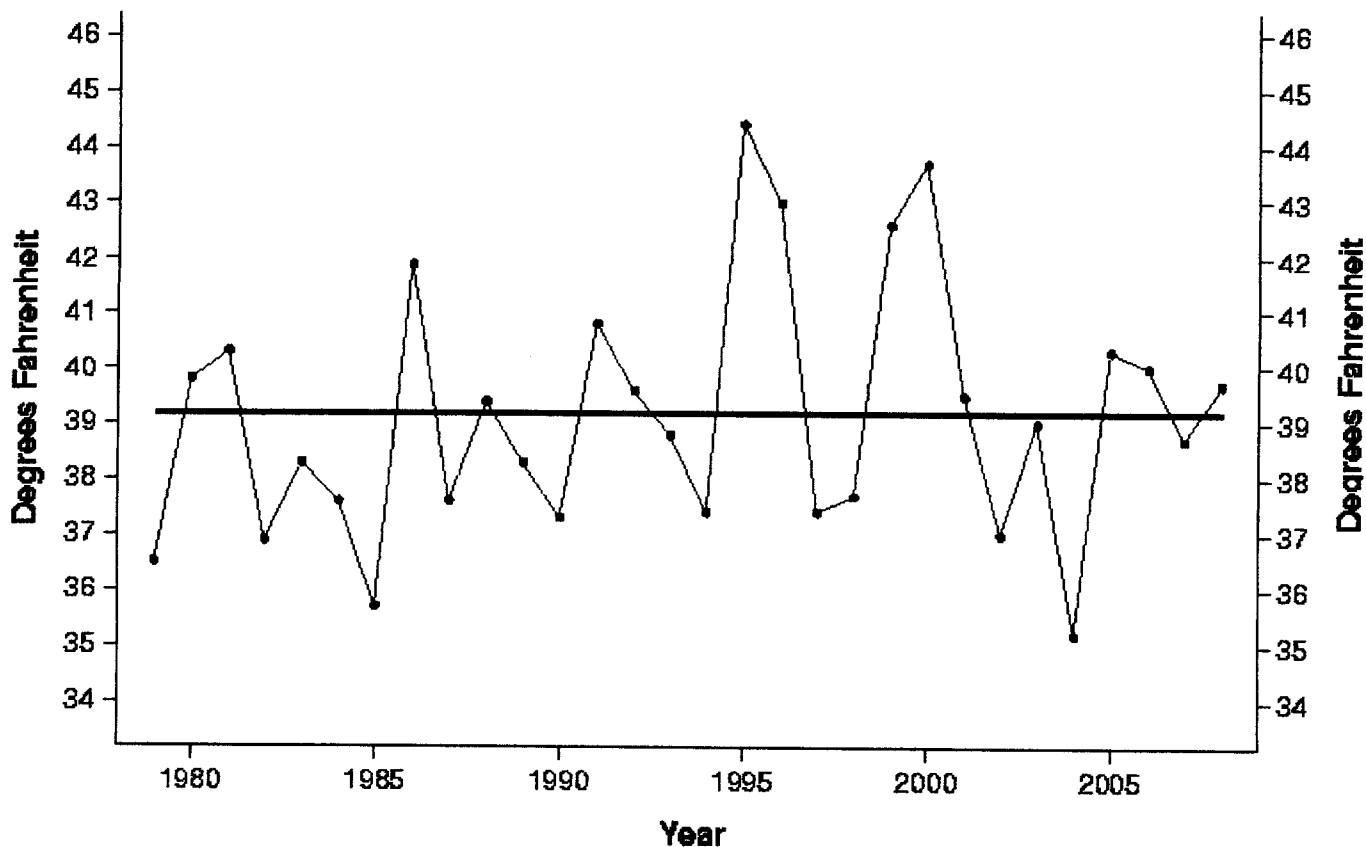
**February 1979 - 2008**


**Data Values:**

February 2008: 39.7 degF Rank: 20

**February 1979 - 2008 Average = 39.15 degF**  
**February 1979 - 2008 Trend = 0.48 degF / Decade**

— Actual Temperature  
— Average Temperature



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*Please send questions to [Karin.L.Gleason@noaa.gov](mailto:Karin.L.Gleason@noaa.gov)*

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# Climate At A Glance

## February Temperature New Mexico

(sorted by year)

Year	Temperature	Rank Based on the Time Period Selected (1979-2008)*	Rank Based on the Period of Record (1895-2008)*
2008	39.7 deg F	20	79
2007	38.7 deg F	14	64
2006	40.0 deg F	22	84
2005	40.3 deg F	24	88
2004	35.2 deg F	1	15
2003	39.0 deg F	16	71
2002	37.0 deg F	5	37
2001	39.5 deg F	18	75
2000	43.7 deg F	29	111
1999	42.6 deg F	27	107
1998	37.7 deg F	11	53
1997	37.4 deg F	7	44
1996	43.0 deg F	28	108
1995	44.4 deg F	30	113
1994	37.4 deg F	7	44
1993	38.8 deg F	15	67
1992	39.6 deg F	19	78
1991	40.8 deg F	25	92
1990	37.3 deg F	6	40
1989	38.3 deg F	12	60
1988	39.4 deg F	17	74
1987	37.6 deg F	9	50
1986	41.9 deg F	26	104
1985	35.7 deg F	2	20
1984	37.6 deg F	9	50

1983	38.3 deg F	12	60
1982	36.9 deg F	4	35
1981	40.3 deg F	24	88
1980	39.8 deg F	21	80
1979	36.5 deg F	3	31

*\*Highest temperature rank denotes the hottest year for the period.  
 Lowest temperature rank denotes the coldest year for the period.*

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*This table was dynamically generated 03 /11 /2008 at 07:18:19  
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 Please send questions to [Karin.L.Gleason@noaa.gov](mailto:Karin.L.Gleason@noaa.gov)  
 Please see the NCDC Contact Page if you have questions or comments.*

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# National Weather Service



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Weather Radio

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## Normal

The long-term average value of a meteorological parameter (i.e., temperature, humidity, etc.) for a certain area. For example, "temperatures are normal for this time of year" means that temperatures are at or near the average climatological value for the given date. Normals are usually taken from data averaged over a 30-year period (e.g., 1971-2000 average), and are concerned with the distribution of data within limits of common occurrence.

## Normal Water Surface Elevation

In hydrologic terms, the lowest crest level of overflow on a reservoir with a fixed overflow level (spillway crest elevation). For a reservoir whose outflow is controlled wholly or partly by movable gates, siphons, or other means, it is the maximum level to which water may rise under normal operating conditions, exclusive of any provision for flood surcharge.

## Normal Year

A year during which the precipitation or stream flow approximates the average for a long period of record.

## Range Normalization

A receiver gain function in the radar which compensates for the effect of range (distance) on the received power for an equivalent reflectivity.

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## **APPENDIX A**

### **List of Prior Testimonies**

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Southwestern Public Service Company	E	New Mexico	07-00319-UT	3/08	Revenue Requirements Cost of Capital	New Mexico Office of Attorney General
Delmarva Power and Light Company	G	Delaware	07-239F	2/08	Gas Cost Rates	Division of the Public Advocate
Atmos Energy Corp.	G	Kansas	08-ATMG-280-RTS	1/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Aquila /Black Hills / Kansas City Power & Light	E	Kansas	07-BHCG-1063-ACQ 07-KCPE-1064-ACQ	12/07	Utility Acquisitions	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	07-186	12/07	Cost of Capital Regulatory Policy	Division of the Public Advocate
Westar Energy, Inc.	E	Kansas	08-WSEE-309-PRE	11/07	Predetermination of Wind Generation	Citizens' Utility Ratepayer Board
Public Service Electric and Gas Company	E/G	New Jersey	ER07050303 GR07050304	11/07	Societal Benefits Charge	Division of Rate Counsel
Public Service Company of New Mexico	E	New Mexico	07-00077-UT	10/07	Revenue Requirements Cost of Capital	New Mexico Office of Attorney General
Public Service Electric and Gas Company	E	New Jersey	EO07040278	9/07	Solar Cost Recovery	Division of Rate Counsel
Comcast Cable	C	New Jersey	CR07030147	8/07	Form 1205	Division of Rate Counsel
Kansas City Power & Light Company	E	Kansas	07-KCPE-905-RTS	8/07	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Cablevision Systems Corporation	C	New Jersey	CR06110781, et al.	5/07	Cable Rates - Forms 1205 and 1240	Division of Rate Counsel
Westar Energy, Inc.	E	Kansas	05-WSEE-981-RTS	4/07	Revenue Requirements Issues on Remand	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	G	Delaware	06-285F	4/07	Gas Cost Rates	Division of the Public Advocate
Comcast of Jersey City, et al.	C	New Jersey	CR06070558	4/07	Cable Rates	Division of Rate Counsel
Westar Energy	E	Kansas	07-WSEE-616-PRE	3/07	Pre-Approval of Generation Facilities	Citizens' Utility Ratepayer Board
Woonsocket Water Division	W	Rhode Island	3800	3/07	Revenue Requirements	Division of Public Utilities and Carriers
Aquila - KGO	G	Kansas	07-AQLE-431-RTS	3/07	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	06-287F	3/07	Gas Service Rates	Division of the Public Advocate
Delmarva Power and Light Company	G	Delaware	06-284	1/07	Revenue Requirements Cost of Capital	Division of the Public Advocate
El Paso Electric Company	E	New Mexico	06-00258 UT	11/06	Revenue Requirements	New Mexico Office of Attorney General
Aquila, Inc. / Mid-Kansas Electric Co.	E	Kansas	06-MKEE-524-ACQ	11/06	Proposed Acquisition	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	G	New Mexico	06-00210-UT	11/06	Revenue Requirements	New Mexico Office of Attorney General
Atlantic City Electric Company	E	New Jersey	EM06090638	11/06	Sale of B.L. England	Division of Rate Counsel

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
United Water Delaware, Inc.	W	Delaware	06-174	10/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Public Service Electric and Gas Company	G	New Jersey	GR05080686	10/06	Societal Benefits Charge	Division of Rate Counsel
Comcast (Avalon, Maple Shade, Gloucester)	C	New Jersey	CR06030136-139	10/06	Form 1205 and 1240 Cable Rates	Division of Rate Counsel
Kansas Gas Service	G	Kansas	06-KGSG-1209-RTS	9/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
New Jersey American Water Co. Elizabethtown Water Company Mount Holly Water Company	W	New Jersey	WR06030257	9/06	Regulatory Policy Taxes Cash Working Capital	Division of Rate Counsel
Tidewater Utilities, Inc.	W	Delaware	06-145	9/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Artesian Water Company	W	Delaware	06-158	9/06	Revenue Requirements Cost of Capital	Division of the Public Advocate
Kansas City Power & Light Company	E	Kansas	06-KCPE-828-RTS	8/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Midwest Energy, Inc.	G	Kansas	06-MDWG-1027-RTS	7/06	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Cablevision Systems Corporation	C	New Jersey	CR05110924, et al.	5/06	Cable Rates - Forms 1205 and 1240	Division of the Ratepayer Advocate
Montague Sewer Company	WW	New Jersey	WR05121056	5/06	Revenue Requirements	Division of the Ratepayer Advocate
Comcast of South Jersey	C	New Jersey	CR05119035, et al.	5/06	Cable Rates - Form 1240	Division of the Ratepayer Advocate
Comcast of New Jersey	C	New Jersey	CR05090826-827	4/06	Cable Rates - Form 1240	Division of the Ratepayer Advocate
Parkway Water Company	W	New Jersey	WR05070634	3/06	Revenue Requirements Cost of Capital	Division of the Ratepayer Advocate
Aqua Pennsylvania, Inc.	W	Pennsylvania	R-00051030	2/06	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	G	Delaware	05-312F	2/06	Gas Cost Rates	Division of the Public Advocate
Delmarva Power and Light Company	E	Delaware	05-304	12/05	Revenue Requirements Cost of Capital	Division of the Public Advocate
Artesian Water Company	W	Delaware	04-42	10/05	Revenue Requirements Cost of Capital	Division of the Public Advocate
Utility Systems, Inc.	WW	Delaware	335-05	9/05	Regulatory Policy	Division of the Ratepayer Advocate
Westar Energy, Inc.	E	Kansas	05-WSEE-981-RTS	9/05	Revenue Requirements	Citizens' Utility Ratepayer Board
Empire Electric District Company	E	Kansas	05-EPDE-980-RTS	8/05	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Comcast Cable	C	New Jersey	CR05030186	8/05	Form 1205	Division of the Ratepayer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Pawtucket Water Supply Board	W	Rhode Island	3674	7/05	Revenue Requirements	Division of Public Utilities and Carriers
Delmarva Power and Light Company	E	Delaware	04-391	7/05	Standard Offer Service	Division of the Public Advocate
Patriot Media & Communications CNJ, LLC	C	New Jersey	CR04111453-455	6/05	Cable Rates	Division of the Ratepayer Advocate
Cablevision	C	New Jersey	CR04111379, et al.	6/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of Mercer County, LLC	C	New Jersey	CR04111458	6/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of South Jersey, LLC, et al.	C	New Jersey	CR04101356, et al.	5/05	Cable Rates	Division of the Ratepayer Advocate
Comcast of Central New Jersey LLC, et al.	C	New Jersey	CR04101077, et al.	4/05	Cable Rates	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	3660	4/05	Revenue Requirements	Division of Public Utilities and Carriers
Aquila, Inc.	G	Kansas	05-AQLG-367-RTS	3/05	Revenue Requirements Cost of Capital Tariff Issues	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	04-334F	3/05	Gas Service Rates	Division of the Public Advocate
Delmarva Power and Light Company	G	Delaware	04-301F	3/05	Gas Cost Rates	Division of the Public Advocate
Delaware Electric Cooperative, Inc.	E	Delaware	04-288	12/04	Revenue Requirements Cost of Capital	Division of the Public Advocate
Public Service Company of New Mexico	E	New Mexico	04-00311-UT	11/04	Renewable Energy Plans	Office of the New Mexico Attorney General
Woonsocket Water Division	W	Rhode Island	3626	10/04	Revenue Requirements	Division of Public Utilities and Carriers
Aquila, Inc.	E	Kansas	04-AQLE-1065-RTS	10/04	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
United Water Delaware, Inc.	W	Delaware	04-121	8/04	Conservation Rates (Affidavit)	Division of the Public Advocate
Atlantic City Electric Company	E	New Jersey	ER03020110 PUC 06061-2003S	8/04	Deferred Balance Phase II	Division of the Ratepayer Advocate
Kentucky American Water Company	W	Kentucky	2004-00103	8/04	Revenue Requirements	Office of Rate Intervention of the Attorney General
Shorelands Water Company	W	New Jersey	WR04040295	8/04	Revenue Requirements Cost of Capital	Division of the Ratepayer Advocate
Artesian Water Company	W	Delaware	04-42	8/04	Revenue Requirements Cost of Capital	Division of the Public Advocate
Long Neck Water Company	W	Delaware	04-31	7/04	Cost of Equity	Division of the Public Advocate
Tidewater Utilities, Inc.	W	Delaware	04-152	7/04	Cost of Capital	Division of the Public Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Cablevision	C	New Jersey	CR03100850, et al.	6/04	Cable Rates	Division of the Ratepayer Advocate
Montague Water and Sewer Companies	W/WW	New Jersey	WR03121034 (W) WR03121035 (S)	5/04	Revenue Requirements	Division of the Ratepayer Advocate
Comcast of South Jersey, Inc.	C	New Jersey	CR03100876,77,79,80	5/04	Form 1240 Cable Rates	Division of the Ratepayer Advocate
Comcast of Central New Jersey, et al.	C	New Jersey	CR03100749-750 CR03100759-762	4/04	Cable Rates	Division of the Ratepayer Advocate
Time Warner	C	New Jersey	CR03100763-764	4/04	Cable Rates	Division of the Ratepayer Advocate
Interstate Navigation Company	N	Rhode Island	3573	3/04	Revenue Requirements	Division of Public Utilities and Carriers
Aqua Pennsylvania, Inc.	W	Pennsylvania	R-00038805	2/04	Revenue Requirements	Pennsylvania Office of Consumer Advocate
Comcast of Jersey City, et al.	C	New Jersey	CR03080598-601	2/04	Cable Rates	Division of the Ratepayer Advocate
Delmarva Power and Light Company	G	Delaware	03-378F	2/04	Fuel Clause	Division of the Public Advocate
Atmos Energy Corp.	G	Kansas	03-ATMG-1036-RTS	11/03	Revenue Requirements	Citizens' Utility Ratepayer Board
Aquila, Inc. (UCU)	G	Kansas	02-UTCG-701-GIG	10/03	Using utility assets as collateral	Citizens' Utility Ratepayer Board
CenturyTel of Northwest Arkansas, LLC	T	Arkansas	03-041-U	10/03	Affiliated Interests	The Arkansas Public Service Commission General Staff
Borough of Butler Electric Utility	E	New Jersey	CR03010049/63	9/03	Revenue Requirements	Division of the Ratepayer Advocate
Comcast Cablevision of Avalon Comcast Cable Communications	C	New Jersey	CR03020131-132	9/03	Cable Rates	Division of the Ratepayer Advocate
Delmarva Power and Light Company d/b/a Conectiv Power Delivery	E	Delaware	03-127	8/03	Revenue Requirements	Division of the Public Advocate
Kansas Gas Service	G	Kansas	03-KGSG-602-RTS	7/03	Revenue Requirements	Citizens' Utility Ratepayer Board
Washington Gas Light Company	G	Maryland	8959	6/03	Cost of Capital Incentive Rate Plan	U.S. DOD/FEA
Pawtucket Water Supply Board	W	Rhode Island	3497	6/03	Revenue Requirements	Division of Public Utilities and Carriers
Atlantic City Electric Company	E	New Jersey	EO03020091	5/03	Stranded Costs	Division of the Ratepayer Advocate
Public Service Company of New Mexico	G	New Mexico	03-000-17 UT	5/03	Cost of Capital Cost Allocations	Office of the New Mexico Attorney General
Comcast - Hopewell, et al.	C	New Jersey	CR02110818 CR02110823-825	5/03	Cable Rates	Division of the Ratepayer Advocate
Cablevision Systems Corporation	C	New Jersey	CR02110838, 43-50	4/03	Cable Rates	Division of the Ratepayer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Comcast-Garden State / Northwest	C	New Jersey	CR02100715 CR02100719	4/03	Cable Rates	Division of the Ratepayer Advocate
Midwest Energy, Inc. and Westar Energy, Inc.	E	Kansas	03-MDWE-421-ACQ	4/03	Acquisition	Citizens' Utility Ratepayer Board
Time Warner Cable	C	New Jersey	CR02100722 CR02100723	4/03	Cable Rates	Division of the Ratepayer Advocate
Westar Energy, Inc.	E	Kansas	01-WSRE-949-GIE	3/03	Restructuring Plan	Citizens' Utility Ratepayer Board
Public Service Electric and Gas Company	E	New Jersey	ER02080604 PUC 7983-02	1/03	Deferred Balance	Division of the Ratepayer Advocate
Atlantic City Electric Company d/b/a Conectiv Power Delivery	E	New Jersey	ER02080510 PUC 6917-02S	1/03	Deferred Balance	Division of the Ratepayer Advocate
Wallkill Sewer Company	WW	New Jersey	WR02030193 WR02030194	12/02	Revenue Requirements Purchased Sewage Treatment Adj. (PSTAC)	Division of the Ratepayer Advocate
Midwest Energy, Inc.	E	Kansas	03-MDWE-001-RTS	12/02	Revenue Requirements	Citizens' Utility Ratepayer Board
Comcast-LBI Crestwood	C	New Jersey	CR02050272 CR02050270	11/02	Cable Rates	Division of the Ratepayer Advocate
Reliant Energy Arkla	G	Oklahoma	PUD200200166	10/02	Affiliated Interest Transactions	Oklahoma Corporation Commission, Public Utility Division Staff
Midwest Energy, Inc.	G	Kansas	02-MDWG-922-RTS	10/02	Gas Rates	Citizens' Utility Ratepayer Board
Comcast Cablevision of Avalon	C	New Jersey	CR02030134 CR02030137	7/02	Cable Rates	Division of the Ratepayer Advocate
RCN Telecom Services, Inc., and Home Link Communications	C	New Jersey	CR02010044, CR02010047	7/02	Cable Rates	Division of the Ratepayer Advocate
Washington Gas Light Company	G	Maryland	8920	7/02	Rate of Return Rate Design (Rebuttal)	General Services Administration (GSA)
Chesapeake Utilities Corporation	G	Delaware	01-307, Phase II	7/02	Rate Design Tariff Issues	Division of the Public Advocate
Washington Gas Light Company	G	Maryland	8920	6/02	Rate of Return Rate Design	General Services Administration (GSA)
Tidewater Utilities, Inc.	W	Delaware	02-28	6/02	Revenue Requirements	Division of the Public Advocate
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	5/02	Financial Plan	Citizens' Utility Ratepayer Board
Empire District Electric Company	E	Kansas	02-EPDE-488-RTS	5/02	Revenue Requirements	Citizens' Utility Ratepayer Board
Southwestern Public Service Company	E	New Mexico	3709	4/02	Fuel Costs	Office of the New Mexico Attorney General
Cablevision Systems	C	New Jersey	CR01110706, et al	4/02	Cable Rates	Division of the Ratepayer Advocate
Potomac Electric Power Company	E	District of Columbia	945, Phase II	4/02	Divestiture Procedures	General Services Administration (GSA)

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Vermont Yankee Nuclear Power Corp.	E	Vermont	6545	3/02	Sale of VY to Entergy Corp. (Supplemental)	Department of Public Service
Delmarva Power and Light Company	G	Delaware	01-348F	1/02	Gas Cost Adjustment	Division of the Public Advocate
Vermont Yankee Nuclear Power Corp.	E	Vermont	6545	1/02	Sale of VY to Entergy Corp.	Department of Public Service
Pawtucket Water Supply Company	W	Rhode Island	3378	12/01	Revenue Requirements	Division of Public Utilities and Carriers
Chesapeake Utilities Corporation	G	Delaware	01-307, Phase I	12/01	Revenue Requirements	Division of the Public Advocate
Potomac Electric Power Company	E	Maryland	8796	12/01	Divestiture Procedures	General Services Administration (GSA)
Kansas Electric Power Cooperative	E	Kansas	01-KEPE-1106-RTS	11/01	Depreciation Methodology (Cross Answering)	Citizens' Utility Ratepayer Board
Wellsboro Electric Company	E	Pennsylvania	R-00016356	11/01	Revenue Requirements	Office of Consumer Advocate
Kent County Water Authority	W	Rhode Island	3311	10/01	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Pepco and New RC, Inc.	E	District of Columbia	1002	10/01	Merger Issues and Performance Standards	General Services Administration (GSA)
Potomac Electric Power Co. & Delmarva Power	E	Delaware	01-194	10/01	Merger Issues and Performance Standards	Division of the Public Advocate
Yankee Gas Company	G	Connecticut	01-05-19PH01	9/01	Affiliated Transactions	Office of Consumer Counsel
Hope Gas, Inc., d/b/a Dominion Hope	G	West Virginia	01-0330-G-42T 01-0331-G-30C 01-1842-GT-T 01-0685-G-PC	9/01	Revenue Requirements (Rebuttal)	The Consumer Advocate Division of the PSC
Pennsylvania-American Water Company	W	Pennsylvania	R-00016339	9/01	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Potomac Electric Power Co. & Delmarva Power	E	Maryland	8890	9/01	Merger Issues and Performance Standards	General Services Administration (GSA)
Comcast Cablevision of Long Beach Island, et al	C	New Jersey	CR01030149-50 CR01050285	9/01	Cable Rates	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	3311	8/01	Revenue Requirements	Division of Public Utilities and Carriers
Pennsylvania-American Water Company	W	Pennsylvania	R-00016339	8/01	Revenue Requirements	Office of Consumer Advocate
Roxiticus Water Company	W	New Jersey	WR01030194	8/01	Revenue Requirements Cost of Capital Rate Design	Division of the Ratepayer Advocate
Hope Gas, Inc., d/b/a Dominion Hope	G	West Virginia	01-0330-G-42T 01-0331-G-30C 01-1842-GT-T 01-0685-G-PC	8/01	Revenue Requirements	Consumer Advocate Division of the PSC

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	6/01	Restructuring Financial Integrity (Rebuttal)	Citizens' Utility Ratepayer Board
Western Resources, Inc.	E	Kansas	01-WSRE-949-GIE	6/01	Restructuring Financial Integrity	Citizens' Utility Ratepayer Board
Cablevision of Allamuchy, et al	C	New Jersey	CR00100824, etc.	4/01	Cable Rates	Division of the Ratepayer Advocate
Public Service Company of New Mexico	E	New Mexico	3137, Holding Co.	4/01	Holding Company	Office of the Attorney General
Keauhou Community Services, Inc.	W	Hawaii	00-0094	4/01	Rate Design	Division of Consumer Advocacy
Western Resources, Inc.	E	Kansas	01-WSRE-436-RTS	4/01	Revenue Requirements Affiliated Interests (Motion for Suppl. Changes)	Citizens' Utility Ratepayer Board
Western Resources, Inc.	E	Kansas	01-WSRE-436-RTS	4/01	Revenue Requirements Affiliated Interests	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	E	New Mexico	3137, Part III	4/01	Standard Offer Service (Additional Direct)	Office of the Attorney General
Chem-Nuclear Systems, LLC	SW	South Carolina	2000-366-A	3/01	Allowable Costs	Department of Consumer Affairs
Southern Connecticut Gas Company	G	Connecticut	00-12-08	3/01	Affiliated Interest Transactions	Office of Consumer Counsel
Atlantic City Sewerage Corporation	WW	New Jersey	WR00080575	3/01	Revenue Requirements Cost of Capital Rate Design	Division of the Ratepayer Advocate
Delmarva Power and Light Company d/b/a Conectiv Power Delivery	G	Delaware	00-314	3/01	Margin Sharing	Division of the Public Advocate
Senate Bill 190 Re: Performance Based Ratemaking	G	Kansas	Senate Bill 190	2/01	Performance-Based Ratemaking Mechanisms	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	G	Delaware	00-463-F	2/01	Gas Cost Rates	Division of the Public Advocate
Waitsfield Fayston Telephone Company	T	Vermont	6417	12/00	Revenue Requirements	Department of Public Service
Delaware Electric Cooperative	E	Delaware	00-365	11/00	Code of Conduct Cost Allocation Manual	Division of the Public Advocate
Commission Inquiry into Performance-Based Ratemaking	G	Kansas	00-GIMG-425-GIG	10/00	Performance-Based Ratemaking Mechanisms	Citizens' Utility Ratepayer Board
Pawtucket Water Supply Board	W	Rhode Island	3164 Separation Plan	10/00	Revenue Requirements	Division of Public Utilities and Carriers
Comcast Cablevision of Philadelphia, L.P.	C	Pennsylvania	3756	10/00	Late Payment Fees (Affidavit)	Kaufman, Lankelis, et al.
Public Service Company of New Mexico	E	New Mexico	3137, Part III	9/00	Standard Offer Service	Office of the Attorney General
Laie Water Company	W	Hawaii	00-0017 Separation Plan	8/00	Rate Design	Division of Consumer Advocacy
El Paso Electric Company	E	New Mexico	3170, Part II, Ph. 1	7/00	Electric Restructuring	Office of the Attorney General



<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Public Service Company of New Mexico	E	New Mexico	3137 - Part II Separation Plan	7/00	Electric Restructuring	Office of the Attorney General
PG Energy	G	Pennsylvania	R-00005119	6/00	Revenue Requirements	Office of Consumer Advocate
Consolidated Edison, Inc. and Northeast Utilities	E/G	Connecticut	00-01-11	4/00	Merger Issues (Additional Supplemental)	Office of Consumer Counsel
Sussex Shores Water Company	W	Delaware	99-576	4/00	Revenue Requirements	Division of the Public Advocate
Utilicorp United, Inc.	G	Kansas	00-UTCG-336-RTS	4/00	Revenue Requirements	Citizens' Utility Ratepayer Board
TCI Cablevision	C	Missouri	9972-9146	4/00	Late Fees (Affidavit)	Honora Eppert, et al
Oklahoma Natural Gas Company	G	Oklahoma	PUD 990000166 PUD 980000683 PUD 990000570	3/00	Pro Forma Revenue Affiliated Transactions (Rebuttal)	Oklahoma Corporation Commission, Public Utility Division Staff
Tidewater Utilities, Inc. Public Water Supply Co.	W	Delaware	99-466	3/00	Revenue Requirements	Division of the Public Advocate
Delmarva Power and Light Company	G/E	Delaware	99-582	3/00	Cost Accounting Manual Code of Conduct	Division of the Public Advocate
Philadelphia Suburban Water Company	W	Pennsylvania	R-00994868 R-00994877 R-00994878 R-00994879	3/00	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Philadelphia Suburban Water Company	W	Pennsylvania	R-00994868 R-00994877 R-00994878 R-00994879	2/00	Revenue Requirements	Office of Consumer Advocate
Consolidated Edison, Inc. and Northeast Utilities	E/G	Connecticut	00-01-11	2/00	Merger Issues	Office of Consumer Counsel
Oklahoma Natural Gas Company	G	Oklahoma	PUD 990000166 PUD 980000683 PUD 990000570	1/00	Pro Forma Revenue Affiliated Transactions	Oklahoma Corporation Commission, Public Utility Division Staff
Connecticut Natural Gas Company	G	Connecticut	99-09-03	1/00	Affiliated Transactions	Office of Consumer Counsel
Time Warner Entertainment Company, L.P.	C	Indiana	48D06-9803-CP-423	1999	Late Fees (Affidavit)	Kelly J. Whiteman, et al
TCI Communications, Inc., et al	C	Indiana	55D01-9709-CP-00415	1999	Late Fees (Affidavit)	Franklin E. Littell, et al
Southwestern Public Service Company	E	New Mexico	3116	12/99	Merger Approval	Office of the Attorney General
New England Electric System Eastern Utility Associates	E	Rhode Island	2930	11/99	Merger Policy	Department of Attorney General
Delaware Electric Cooperative	E	Delaware	99-457	11/99	Electric Restructuring	Division of the Public Advocate
Jones Intercable, Inc.	C	Maryland	CAL98-00283	10/99	Cable Rates (Affidavit)	Cynthia Maisonette and Ola Renee Chatman, et al

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Texas-New Mexico Power Company	E	New Mexico	3103	10/99	Acquisition Issues	Office of Attorney General
Southern Connecticut Gas Company	G	Connecticut	99-04-18	9/99	Affiliated Interest	Office of Consumer Counsel
TCI Cable Company	C	New Jersey	CR99020079 et al	9/99	Cable Rates Forms 1240/1205	Division of the Ratepayer Advocate
All Regulated Companies	E/G/W	Delaware	Reg. No. 4	8/99	Filing Requirements (Position Statement)	Division of the Public Advocate
Mile High Cable Partners	C	Colorado	95-CV-5195	7/99	Cable Rates (Affidavit)	Brett Marshall, an individual, et al
Electric Restructuring Comments	E	Delaware	Reg. 49	7/99	Regulatory Policy (Supplemental)	Division of the Public Advocate
Long Neck Water Company	W	Delaware	99-31	6/99	Revenue Requirements	Division of the Public Advocate
Delmarva Power and Light Company	E	Delaware	99-163	6/99	Electric Restructuring	Division of the Public Advocate
Potomac Electric Power Company	E	District of Columbia	945	6/99	Divestiture of Generation Assets	U.S. GSA - Public Utilities
Comcast	C	Indiana	49C01-9802-CP-000386	6/99	Late Fees (Affidavit)	Ken Hecht, et al
Petitions of BA-NJ and NJPA re: Payphone Ops	T	New Jersey	TO97100792 PUCOT 11269-97N	6/99	Economic Subsidy Issues (Surrebuttal)	Division of the Ratepayer Advocate
Montague Water and Sewer Companies	W/WW	New Jersey	WR98101161 WR98101162 PUCRS 11514-98N	5/99	Revenue Requirements Rate Design (Supplemental)	Division of the Ratepayer Advocate
Cablevision of Bergen, Bayonne, Newark	C	New Jersey	CR98111197-199 CR98111190	5/99	Cable Rates Forms 1240/1205	Division of the Ratepayer Advocate
Cablevision of Bergen, Hudson, Monmouth	C	New Jersey	CR97090624-626 CTV 1697-98N	5/99	Cable Rates - Form 1235 (Rebuttal)	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2860	4/99	Revenue Requirements	Division of Public Utilities & Carriers
Montague Water and Sewer Companies	W/WW	New Jersey	WR98101161 WR98101162	4/99	Revenue Requirements Rate Design	Division of the Ratepayer Advocate
PEPCO	E	District of Columbia	945	4/99	Divestiture of Assets	U.S. GSA - Public Utilities
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	4/99	Merger Approval (Surrebuttal)	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	E	Delaware	98-479F	3/99	Fuel Costs	Division of the Public Advocate
Lenfest Atlantic d/b/a Suburban Cable	C	New Jersey	CR97070479 et al	3/99	Cable Rates	Division of the Ratepayer Advocate
Electric Restructuring Comments	E	District of Columbia	945	3/99	Regulatory Policy	U.S. GSA - Public Utilities

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Petitions of BA-NJ and NJPA re: Payphone Ops	T	New Jersey	TO97100792 PUCOT 11269-97N	3/99	Tariff Revision Payphone Subsidies FCC Services Test (Rebuttal)	Division of the Ratepayer Advocate
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	3/99	Merger Approval (Answering)	Citizens' Utility Ratepayer Board
Western Resources, Inc. and Kansas City Power & Light	E	Kansas	97-WSRE-676-MER	2/99	Merger Approval	Citizens' Utility Ratepayer Board
Adelphia Cable Communications	C	Vermont	6117-6119	1/99	Late Fees (Additional Direct Supplemental)	Department of Public Service
Adelphia Cable Communications	C	Vermont	6117-6119	12/98	Cable Rates (Forms 1240, 1205, 1235) and Late Fees (Direct Supplemental)	Department of Public Service
Adelphia Cable Communications	C	Vermont	6117-6119	12/98	Cable Rates (Forms 1240, 1205, 1235) and Late Fees	Department of Public Service
Orange and Rockland/ Consolidated Edison	E	New Jersey	EM98070433	11/98	Merger Approval	Division of the Ratepayer Advocate
Cablevision	C	New Jersey	CR97090624 CR97090625 CR97090626	11/98	Cable Rates - Form 1235	Division of the Ratepayer Advocate
Petitions of BA-NJ and NJPA re: Payphone Ops.	T	New Jersey	TO97100792 PUCOT 11269-97N	10/98	Payphone Subsidies FCC New Services Test	Division of the Ratepayer Advocate
United Water Delaware	W	Delaware	98-98	8/98	Revenue Requirements	Division of the Public Advocate
Cablevision	C	New Jersey	CR97100719, 726 730, 732	8/98	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Potomac Electric Power Company	E	Maryland	Case No. 8791	8/98	Revenue Requirements Rate Design	U.S. GSA - Public Utilities
Investigation of BA-NJ IntraLATA Calling Plans	T	New Jersey	TO97100808 PUCOT 11326-97N	8/98	Anti-Competitive Practices (Rebuttal)	Division of the Ratepayer Advocate
Investigation of BA-NJ IntraLATA Calling Plans	T	New Jersey	TO97100808 PUCOT 11326-97N	7/98	Anti-Competitive Practices	Division of the Ratepayer Advocate
TCI Cable Company/ Cablevision	C	New Jersey	CTV 03264-03268 and CTV 05061	7/98	Cable Rates	Division of the Ratepayer Advocate
Mount Holly Water Company	W	New Jersey	WR98020058 PUC 03131-98N	7/98	Revenue Requirements	Division of the Ratepayer Advocate
Pawtucket Water Supply Board	W	Rhode Island	2674	5/98	Revenue Requirements (Surrebuttal)	Division of Public Utilities & Carriers
Pawtucket Water Supply Board	W	Rhode Island	2674	4/98	Revenue Requirements	Division of Public Utilities and Carriers
Energy Master Plan Phase II Proceeding - Restructuring	E	New Jersey	EX94120585U, EO97070457,60,63,66	4/98	Electric Restructuring Issues (Supplemental Surrebuttal)	Division of the Ratepayer Advocate
Energy Master Plan Phase I Proceeding - Restructuring	E	New Jersey	EX94120585U, EO97070457,60,63,66	3/98	Electric Restructuring Issues	Division of the Ratepayer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Shorelands Water Company	W	New Jersey	WR97110835 PUC 11324-97	2/98	Revenue Requirements	Division of the Ratepayer Advocate
TCI Communications, Inc.	C	New Jersey	CR97030141 and others	11/97	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Citizens Telephone Co. of Kecksburg	T	Pennsylvania	R-00971229	11/97	Alternative Regulation Network Modernization	Office of Consumer Advocate
Consumers Pennsylvania Water Co. - Shenango Valley Division	W	Pennsylvania	R-00973972	10/97	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Universal Service Funding	T	New Jersey	TX95120631	10/97	Schools and Libraries Funding (Rebuttal)	Division of the Ratepayer Advocate
Universal Service Funding	T	New Jersey	TX95120631	9/97	Low Income Fund High Cost Fund	Division of the Ratepayer Advocate
Consumers Pennsylvania Water Co. - Shenango Valley Division	W	Pennsylvania	R-00973972	9/97	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	G/E	Delaware	97-65	9/97	Cost Accounting Manual Code of Conduct	Office of the Public Advocate
Western Resources, Oneok, and WAI	G	Kansas	WSRG-486-MER	9/97	Transfer of Gas Assets	Citizens' Utility Ratepayer Board
Universal Service Funding	T	New Jersey	TX95120631	9/97	Schools and Libraries Funding (Rebuttal)	Division of the Ratepayer Advocate
Universal Service Funding	T	New Jersey	TX95120631	8/97	Schools and Libraries Funding	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2555	8/97	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Ironton Telephone Company	T	Pennsylvania	R-00971182	8/97	Alternative Regulation Network Modernization (Surrebuttal)	Office of Consumer Advocate
Ironton Telephone Company	T	Pennsylvania	R-00971182	7/97	Alternative Regulation Network Modernization	Office of Consumer Advocate
Comcast Cablevision	C	New Jersey	Various	7/97	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Maxim Sewerage Corporation	WW	New Jersey	WR97010052 PUCRA 3154-97N	7/97	Revenue Requirements	Division of the Ratepayer Advocate
Kent County Water Authority	W	Rhode Island	2555	6/97	Revenue Requirements	Division of Public Utilities and Carriers
Consumers Pennsylvania Water Co. - Roaring Creek	W	Pennsylvania	R-00973869	6/97	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Consumers Pennsylvania Water Co. - Roaring Creek	W	Pennsylvania	R-00973869	5/97	Revenue Requirements	Office of Consumer Advocate
Delmarva Power and Light Company	E	Delaware	97-58	5/97	Merger Policy	Office of the Public Advocate
Middlesex Water Company	W	New Jersey	WR96110818 PUCRL 11663-96N	4/97	Revenue Requirements	Division of the Ratepayer Advocate
Maxim Sewerage Corporation	WW	New Jersey	WR96080628 PUCRA 09374-96N	3/97	Purchased Sewerage Adjustment	Division of the Ratepayer Advocate

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Interstate Navigation Company	N	Rhode Island	2484	3/97	Revenue Requirements Cost of Capital (Surrebuttal)	Division of Public Utilities & Carriers
Interstate Navigation Company	N	Rhode Island	2484	2/97	Revenue Requirements Cost of Capital	Division of Public Utilities & Carriers
Electric Restructuring Comments	E	District of Columbia	945	1/97	Regulatory Policy	U.S. GSA - Public Utilities
United Water Delaware	W	Delaware	96-194	1/97	Revenue Requirements	Office of the Public Advocate
PEPCO/ BGE/ Merger Application	E/G	District of Columbia	951	10/96	Regulatory Policy Cost of Capital (Rebuttal)	GSA
Western Resources, Inc.	E	Kansas	193,306-U 193,307-U	10/96	Revenue Requirements Cost of Capital (Supplemental)	Citizens' Utility Ratepayer Board
PEPCO and BGE Merger Application	E/G	District of Columbia	951	9/96	Regulatory Policy, Cost of Capital	U.S. GSA - Public Utilities
Utilicorp United, Inc.	G	Kansas	193,787-U	8/96	Revenue Requirements	Citizens' Utility Ratepayer Board
TKR Cable Company of Gloucester	C	New Jersey	CTV07030-95N	7/96	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
TKR Cable Company of Warwick	C	New Jersey	CTV057537-95N	7/96	Cable Rates (Oral Testimony)	Division of the Ratepayer Advocate
Delmarva Power and Light Company	E	Delaware	95-196F	5/96	Fuel Cost Recovery	Office of the Public Advocate
Western Resources, Inc.	E	Kansas	193,306-U 193,307-U	5/96	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Princeville Utilities Company, Inc.	WWW	Hawaii	95-0172 95-0168	1/96	Revenue Requirements Rate Design	Princeville at Hanalei Community Association
Western Resources, Inc.	G	Kansas	193,305-U	1/96	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Environmental Disposal Corporation	WW	New Jersey	WR94070319 (Remand Hearing)	11/95	Revenue Requirements Rate Design (Supplemental)	Division of the Ratepayer Advocate
Environmental Disposal Corporation	WW	New Jersey	WR94070319 (Remand Hearing)	11/95	Revenue Requirements	Division of the Ratepayer Advocate
Lanai Water Company	W	Hawaii	94-0366	10/95	Revenue Requirements Rate Design	Division of Consumer Advocacy
Cablevision of New Jersey, Inc.	C	New Jersey	CTV01382-95N	8/95	Basic Service Rates (Oral Testimony)	Division of the Ratepayer Advocate
Cablevision of New Jersey, Inc.	C	New Jersey	CTV01381-95N	8/95	Basic Service Rates (Oral Testimony)	Division of the Ratepayer Advocate
Chesapeake Utilities Corporation	G	Delaware	95-73	7/95	Revenue Requirements	Office of the Public Advocate
East Honolulu Community Services, Inc.	WW	Hawaii	7718	6/95	Revenue Requirements	Division of Consumer Advocacy

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Wilmington Suburban Water Corporation	W	Delaware	94-149	3/95	Revenue Requirements	Office of the Public Advocate
Environmental Disposal Corporation	WW	New Jersey	WR94070319	1/95	Revenue Requirements (Supplemental)	Division of the Ratepayer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00943177	1/95	Revenue Requirements (Surrebuttal)	Office of Consumer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00943177	12/94	Revenue Requirements	Office of Consumer Advocate
Environmental Disposal Corporation	WW	New Jersey	WR94070319	12/94	Revenue Requirements	Division of the Ratepayer Advocate
Delmarva Power and Light Company	E	Delaware	94-84	11/94	Revenue Requirements	Office of the Public Advocate
Delmarva Power and Light Company	G	Delaware	94-22	8/94	Revenue Requirements	Office of the Public Advocate
Empire District Electric Company	E	Kansas	190,360-U	8/94	Revenue Requirements	Citizens' Utility Ratepayer Board
Morris County Municipal Utility Authority	SW	New Jersey	MM10930027 ESW 1426-94	6/94	Revenue Requirements	Rate Counsel
US West Communications	T	Arizona	E-1051-93-183	5/94	Revenue Requirements (Surrebuttal)	Residential Utility Consumer Office
Pawtucket Water Supply Board	W	Rhode Island	2158	5/94	Revenue Requirements (Surrebuttal)	Division of Public Utilities & Carriers
US West Communications	T	Arizona	E-1051-93-183	3/94	Revenue Requirements	Residential Utility Consumer Office
Pawtucket Water Supply Board	W	Rhode Island	2158	3/94	Revenue Requirements	Division of Public Utilities & Carriers
Pollution Control Financing Authority of Camden County	SW	New Jersey	SR91111718J	2/94	Revenue Requirements (Supplemental)	Rate Counsel
Roaring Creek Water Company	W	Pennsylvania	R-00932665	9/93	Revenue Requirements (Supplemental)	Office of Consumer Advocate
Roaring Creek Water Company	W	Pennsylvania	R-00932665	9/93	Revenue Requirements	Office of Consumer Advocate
Kent County Water Authority	W	Rhode Island	2098	8/93	Revenue Requirements (Surrebuttal)	Division of Public Utilities and Carriers
Wilmington Suburban Water Company	W	Delaware	93-28	7/93	Revenue Requirements	Office of Public Advocate
Kent County Water Authority	W	Rhode Island	2098	7/93	Revenue Requirements	Division of Public Utilities & Carriers
Camden County Energy Recovery Associates, Inc.	SW	New Jersey	SR91111718J ESW1263-92	4/93	Revenue Requirements	Rate Counsel
Pollution Control Financing Authority of Camden County	SW	New Jersey	SR91111718J ESW 1263-92	4/93	Revenue Requirements	Rate Counsel
Jamaica Water Supply Company	W	New York	92-W-0583	3/93	Revenue Requirements	County of Nassau Town of Hempstead
New Jersey-American Water Company	W/WW	New Jersey	WR92090908J PUC 7266-92S	2/93	Revenue Requirements	Rate Counsel

<u>Company</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	<u>On Behalf Of</u>
Passaic County Utilities Authority	SW	New Jersey	SR91121816J ESW0671-92N	9/92	Revenue Requirements	Rate Counsel
East Honolulu Community Services, Inc.	WW	Hawaii	7064	8/92	Revenue Requirements	Division of Consumer Advocacy
The Jersey Central Power and Light Company	E	New Jersey	PUC00661-92 ER91121820J	7/92	Revenue Requirements	Rate Counsel
Mercer County Improvement Authority	SW	New Jersey	EWS11261-91S SR91111682J	5/92	Revenue Requirements	Rate Counsel
Garden State Water Company	W	New Jersey	WR9109-1483 PUC 09118-91S	2/92	Revenue Requirements	Rate Counsel
Elizabethtown Water Company	W	New Jersey	WR9108-1293J PUC 08057-91N	1/92	Revenue Requirements	Rate Counsel
New-Jersey American Water Company	W/WW	New Jersey	WR9108-1399J PUC 8246-91	12/91	Revenue Requirements	Rate Counsel
Pennsylvania-American Water Company	W	Pennsylvania	R-911909	10/91	Revenue Requirements	Office of Consumer Advocate
Mercer County Improvement Authority	SW	New Jersey	SR9004-0264J PUC 3389-90	10/90	Revenue Requirements	Rate Counsel
Kent County Water Authority	W	Rhode Island	1952	8/90	Revenue Requirements Regulatory Policy (Surrebuttal)	Division of Public Utilities & Carriers
New York Telephone	T	New York	90-C-0191	7/90	Revenue Requirements Affiliated Interests (Supplemental)	NY State Consumer Protection Board
New York Telephone	T	New York	90-C-0191	7/90	Revenue Requirements Affiliated Interests	NY State Consumer Protection Board
Kent County Water Authority	W	Rhode Island	1952	6/90	Revenue Requirements Regulatory Policy	Division of Public Utilities & Carriers
Ellesor Transfer Station	SW	New Jersey	SO8712-1407 PUC 1768-88	11/89	Regulatory Policy	Rate Counsel
Interstate Navigation Co.	N	Rhode Island	D-89-7	8/89	Revenue Requirements Regulatory Policy	Division of Public Utilities & Carriers
Automated Modular Systems, Inc.	SW	New Jersey	PUC1769-88	5/89	Revenue Requirements Schedules	Rate Counsel
SNET Cellular, Inc.	T	Connecticut	-	2/89	Regulatory Policy	First Selectman Town of Redding

## **APPENDIX B**

### **NOAA Weather Data**



