## BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations, Consisting of a General Rate Increase of Approximately \$161.2 Million Per Year, and for Approval of a New Large Load Surcharge

Docket No. 07-035-93

Surrebuttal Testimony of

**Maurice Brubaker** 

On behalf of

**Utah Industrial Energy Consumers** 

May 23, 2008 Project 8923



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In the Matter of the Application of Rocky Mountain Power for Authority to Increase its Retail Electric Utility Service Rates in Utah and for Approval of its Proposed Electric Service Schedules and Electric Service Regulations, Consisting of a General Rate Increase of Approximately \$161.2 Million Per Year, and for Approval of a New Large Load Surcharge

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### **Surrebuttal Testimony of Maurice Brubaker**

- 1 Q PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
- 2 A Maurice Brubaker. My business address is 1215 Fern Ridge Parkway, Suite 208,
- 3 St. Louis, Missouri 63141-2000.
- 4 Q HAVE YOU PREVIOUSLY FILED TESTIMONY IN THIS PROCEEDING?
- 5 A Yes. I filed revenue requirement direct testimony and schedules on April 7, 2008.
- 6 Q ARE YOUR QUALIFICATIONS SET FORTH IN THAT TESTIMONY?
- 7 A Yes. They are set forth in Appendix A to that testimony.

INTRODUCTION 8 9 Q WHAT SUBJECT MATTER WILL YOU ADDRESS IN YOUR SURREBUTTAL **TESTIMONY?** 10 11 Α I will address the rebuttal testimony of Rocky Mountain Power Company's (RMP) 12 witness Mark Tallman on certain wind-related issues, and the testimony of RMP's witness A. Richard Walje concerning growth and the Utah jurisdictional allocation 13 14 factor. The fact that I do not address other positions taken by these witnesses, or the 15 testimony of other witnesses, should not be construed as an endorsement of those 16 other positions. 17 WIND ISSUES 18 Q DOES MR. TALLMAN AGREE WITH YOUR RECOMMENDATIONS CONCERNING 19 THE ISSUES ASSOCIATED WITH THE WIND PROJECTS THAT WERE 20 PRESENTED IN YOUR DIRECT TESTIMONY? 21 No. He offers rebuttal with respect to my comments concerning wind project capacity 22 factors, receipt of Production Tax Credits (PTC), and the treatment of renewable 23 energy credits (REC). 24 Wind Capacity Factors 25 Q BEFORE RESPONDING TO MR. TALLMAN, PLEASE SUMMARIZE YOUR POSITION IN YOUR DIRECT TESTIMONY WITH RESPECT TO THE CAPACITY 26 27 **FACTOR OF WIND PROJECTS.** 28 Α In my direct testimony (pages 10-11), I observed that most of the wind projects are 29 only slightly break-even for customers and that even a very small shortfall in the 30 capacity factor from what was assumed in the present value revenue requirement analysis would cause the projects to become uneconomic. I then noted that because of the importance of the capacity factor and the difficulty of accurately projecting it over a long period of time, it would be appropriate to have a procedure whereby RMP would periodically file and distribute to the parties a report showing the actual generation from each wind project. I then said:

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With this information a subsequent evaluation can be made as to whether any adjustment to revenue requirements is warranted such as, for example, imputing additional generation to the wind resource in setting rates in the future.

Accordingly, my recommendation is a reporting requirement for information to be considered in future cases. There is no revenue requirement impact of this recommendation in this case.

# DOES MR. TALLMAN VIEW YOUR PROPOSAL AS BEING MORE THAN REPORTING REQUIREMENTS?

Yes. In an effort to rebut my recommendation, he has carried it way beyond anything that the words suggest, or were intended to suggest. He finds it necessary to accuse me of offering a proposal that is "...not symmetrical..." (Tallman at page 7) and tantamount to recommending that the Commission "...revisit the prudence of the Company's decision to pursue the resource during a future rate proceeding..." (Tallman at page 9) and to accuse me of developing a "...new form of regulation" (Tallman at page 10).

IF IN THE FUTURE WIND GENERATION TURNED OUT TO BE LESS THAN WHAT WAS ASSUMED BY RMP IN JUSTIFYING THE PROJECT, WOULD IT NECESSARILY FOLLOW THAT A REVENUE REQUIREMENT DISALLOWANCE WOULD BE MADE?

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No. As in all matters, the Commission would need to view the facts with care and apply reasoned judgment. For example, if on occasion some projects fell slightly below the assumed level, that certainly would not require a revenue requirement adjustment. On the other hand, if the future performance of the wind generators would be such that the capacity factors achieved were substantially below the represented values, and the result was that customers were adversely impacted, then there would be a stronger basis for some revenue requirement adjustments in order to hold RMP accountable for its representations. Whether there actually would be one, and if so its form and magnitude, is a matter that would be decided in the future.

### IS THE CONCEPT OF "SYMMETRY" AN ASPECT OF THIS ISSUE?

No. Under cost-based ratemaking, the utility requests to be compensated for its reasonably incurred costs. Unless there is some performance plan that explicitly provides enhanced compensation for achieving results that are superior, there is no basis for compensating the utility for anything more than its costs. At the same time, given the cost-based nature of regulation, the utility's franchise and the fact that RMP represented that these projects would reduce (or at least not increase) costs to customers, a failure to achieve that objective in a significant way certainly should give rise to careful scrutiny of the utility's assumptions and operations.

It would be rare, indeed, for a Commission to allow a new project to enter rate base on the basis of represented performance and results, and never take another

76 look at whether the performance and results came anywhere close to what the 77 Company represented they would be. 78 Q DOES YOUR PROPOSAL CONSTITUTE A "REVISIT" OF THE PRUDENCE OF 79 THE DECISION TO BUILD A RESOURCE? 80 Α No. 81 Q PLEASE EXPLAIN. 82 Α First, it should be noted that these projects have not previously received approval by 83 the Commission. So, in this case, there is no basis for any kind of a claim of revisiting 84 the issue. Monitoring the performance of generation facilities in the future is just good 85 regulatory policy and does not constitute a "revisit" of prudence. When a Commission 86 looks at performance of an approved project in a subsequent year, it is reviewing the 87 project to ensure that customers are not burdened by substandard performance. This 88 is just part of holding RMP accountable for its representations, not a prudency review. WOULD ADOPTION OF YOUR RECOMMENDATION SET THE STAGE AND 89 Q 90 OBLIGATE THE COMMISSION TO REVISIT "...SUCH DECISION IN THE FUTURE AND IMPUTE A PENALTY UPON THE COMPANY IF THE ACTUAL 91 92 PERFORMANCE OF THE ASSET IS DIFFERENT THAN EXPECTED WHEN THE 93 **DECISION WAS TAKEN..." (TALLMAN AT PAGES 9 AND 10)?** 94 No, not at all. Again, in an effort to make my proposal look extreme, Mr. Tallman is 95 trying to stretch it far beyond what it is and what it is intended to be. Mr. Tallman's 96 characterization is inaccurate. Furthermore, it is not a "...new form of regulation for which there is no sound 97 98 basis..." (Tallman at page 10); it is merely a recommendation that the Commission

review whether the performance of the wind generators is similar to what RMP had represented.

### **Production Tax Credits**

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# Q BEFORE ADDRESSING MR. TALLMAN'S REBUTTAL, PLEASE SUMMARIZE YOUR RECOMMENDATION WITH RESPECT TO PTCS.

In my direct testimony, I noted that RMP's own economic studies clearly demonstrate that receipt of the expected PTCs is absolutely critical to making the wind projects viable. In the absence of the PTCs, these wind projects would be a substantial burden on customers, as shown on line 10 of UIEC \_\_\_\_\_ (MEB-1) attached to my direct testimony.

I went on to note that in light of the construction schedules of several of these projects, and the fact that under current law eligibility to receive the PTCs terminates at the end of calendar year 2008, that the Commission should include in revenue requirements, in future cases, the value of the PTCs that would have been received had the wind projects gone in service as expected, and as RMP had assumed in justifying the projects.

# Q WOULD THESE RECOMMENDATIONS IMPLY ANY REVENUE REQUIREMENT ADJUSTMENTS IN THIS CASE?

No. In this case, it is assumed that the December 31, 2008 date will be met and that the PTCs will be received. The Company's revenue requirement calculations in this case assume a revenue requirement offset for the PTCs during the expected period of time in 2008 that these projects would be in service. Thus, to the extent any adjustments are required, it would be in future years.

122	Q	DO YOU AGREE WITH MR. TALLMAN THAT YOUR RECOMMENDATION IS
123		"RETROACTIVE RATEMAKING" (TALLMAN AT PAGE 11)?
124	Α	No, not at all.
125		Retroactive ratemaking essentially means setting rates to charge customers
126		for current costs plus additional amounts for past usage, or for requiring a utility to
127		make refunds when the approved rates did not provide for such adjustments.
128		Accordingly, Mr. Tallman's criticism does not apply to my proposal at all.
129	Q	HE ALSO SAYS YOU VIOLATE THE PRINCIPLE OF GENERATING COSTS
130		"GOING INTO RATES AT COST" (TALLMAN AT PAGE 11). DO YOU?
131	Α	No. Again, Mr. Tallman's criticisms are wide of the mark. I am not aware of any
132		principle that requires the Commission to ignore the facts. I am only recommending
133		that RMP be held accountable for the representations it made to secure project
134		approval.
135	Q	AT PAGE 13 OF HIS TESTIMONY, MR. TALLMAN ONCE AGAIN ALLEGES THAT
136		YOU HAVE DEVELOPED A REVISED VERSION OF THE REGULATORY
137		COMPACT – ONE THAT IS NOT BASED ON COST OF SERVICE REGULATION.
138		IS HE ACCURATE?
139	Α	No. In his zeal to levy as many criticisms at my proposal as he can, he continues to
140		stretch well beyond the concepts embodied in my proposal, and completely
141		misconstrues the basic regulatory paradigm.
142	Q	PLEASE EXPLAIN.
143	Α	While it is generally true that assets go into rate base at cost, the Commission is not
144		required to put on blinders looking at what those costs are, and the extent to which

the utility failed to secure for the projects the significant credits that are absolutely essential for them to be economical.

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Under the regulatory paradigm, the Company is expected to fulfill its obligations and meet its representations. Mr. Tallman would have the Commission turn its back, and allow the utility to collect in rates all costs associated even with projects that are not economical, and are a substantial burden to the customers. And note again, my proposal requires no more than for the utility to meet its own self-determined construction schedule so as to qualify to receive the PTCs.

Mr. Tallman observes that weather and other factors may have an impact on in-service dates, that is true, but it is clearly Rocky Mountain Power Company, and not the customers, that decided when to begin the project, who to hire as contractors, what contingency plans to have, what form of contractual penalties, warranties and guarantees to have with the contractors and vendors, and every other aspect of managing the construction project to completion in time to qualify for the PTCs.

AT PAGES 14 AND 15 OF HIS TESTIMONY, MR. TALLMAN SPECULATES ABOUT THE POSSIBILITY THAT SOME KIND OF RPS REQUIREMENT WILL BE APPLICABLE TO THE COMPANY'S LOAD SERVICE OBLIGATIONS IN UTAH. DOES THAT HAVE ANY BEARING ON THIS ISSUE?

No. Mr. Tallman is engaging in pure speculation here. He has no idea what RPS requirements, if any, may be adopted.

It is my understanding that Utah recently established portfolio targets (not requirements) starting in 2025 that are subject to a cost-effectiveness standard. What other states do is not relevant.

168	Q	HE ALSO MENTIONS A CALIFORNIA "PRICE REFERENT," WHICH APPEARS
169		TO BE A SAFE HARBOR PURCHASE PRICE. IS THIS RELEVANT?
170	Α	No. There is no indication that this so-called referent price bears any relationship to
171		cost or to market value.
172	REC	s Associated with Goodnoe Hills Wind Project
173	Q	PLEASE BRIEFLY SUMMARIZE YOUR POSITION ON THE VALUE OF RECS
174		FROM THE GOODNOE HILLS PROJECT.
175	Α	As I pointed out in my direct testimony, in its long-term present value revenue

A As I pointed out in my direct testimony, in its long-term present value revenue requirement analysis for Goodnoe Hills, RMP had to assume a value of over \$6/MWh for RECs (substantially higher than is assumed for the other projects, and substantially higher than the Company recognized as revenues in the test year) in order to make the project "break-even."

# Q DOES THE FACT THAT REC VALUES MAY FLUCTUATE OVER TIME INFLUENCE YOUR RECOMMENDATION?

No, not at all. Mr. Tallman explicitly admits on page 16 of his rebuttal that RMP needed to assume \$6.37/MWh in order for the project just to achieve break-even status.

Had RMP not assumed these inflated REC revenues from Goodnoe Hills, it would have shown the project to be a net loser for the customers. Given that RMP has chosen to build the project, it should not now be heard to complain that customers want to have the benefit of the revenues that it assumed would be received in order for the project to break-even.

# 190 Q HOW ELSE DOES MR. TALLMAN ATTEMPT TO DEFEND THE COMPANY'S 191 PROPOSAL?

On page 17 of his rebuttal testimony, Mr. Tallman speculates about the potential cost of non-compliance under a non-existent RPS standard, and references non-compliance penalties in California and Washington. Apparently, he wants us to believe that because these numbers are higher than the current price at which the Company sells RECs, and higher than what they had to assume to make Goodnoe Hills look good, that no adjustment is warranted.

#### **Q DO YOU AGREE?**

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No. Even putting aside the speculative nature of the non-existent federal RPS standard, the fact that penalties in some states may be at a particular level is not an appropriate benchmark. There is no reason Utah ratepayers should face penalties that may be imposed by other states. Furthermore, Mr. Tallman provides no information about the actual cost of compliance or about the market value of the RECs, other than the \$3.50 revenue stream that RMP has assumed in putting together its revenue requirement case. Since that revenue stream continues to be substantially lower than what RMP had to assume to make the Goodnoe Hills project break-even for customers, imputation of the higher revenues in determining RMP's revenue requirements in this case is essential to deliver to customers the benefit of the project that RMP represented would be available to them.

#### <u>UTAH GROWTH AND THE JURISDICTIONAL ALLOCATION FACTORS</u> 210 211 Q WHAT DOES RMP'S WITNESS WALJE SAY ABOUT UTAH GROWTH? 212 Α At page 2 of his rebuttal testimony, Mr. Walje states that in the first quarter of 2008, 213 Utah load was above the level forecasted for the first quarter of 2008. 214 Q DOES THIS TELL US ANYTHING USEFUL FOR PURPOSES OF JURISDICTIONAL COST ALLOCATION? 215 216 No. Mr. Walje has simply compared actual results, which embody actual weather, to Α 217 the forecasted results which embody weather-normalized sales. 218 Q IF UTAH'S ACTUAL **FIRST** QUARTER 2008 SALES ARE 219 WEATHER-NORMALIZED AND COMPARED TO THE FORECASTED LEVEL, IS 220 **UTAH ABOVE OR BELOW THE FORECAST?** 221 The information necessary to make this determination was provided in RMP's Second 222 Supplemental Response to UIEC Data Request No. 8.6. 223 The following table shows on both a forecasted basis (which is 224 weather-normalized) and a weather-normalized actual basis, the first quarter 2008 225 sales to Utah customers, and to the entire RMP system. As this table shows, when 226 Utah's actual first quarter 2008 sales are appropriately weather-normalized, the sales 227 are below the forecasted level. Furthermore, Utah sales as a percentage of total 228 RMP sales is less than forecasted. 229 More specifically, the Company had forecasted that in the first quarter of 2008 230 Utah sales would be 41.3% of system sales. In fact, the actual results in the first 231 quarter of 2008, after normalization by RMP, amount to 40.4% of total RMP sales, 232 considerably below what the forecast suggested.

First Quarter 2008 Sales						
Description	Forecasted GWh	Weather Adjusted Actual GWh				
Total RMP	13.342	13.277				
Utah	5.506	5.363				
Utah as a Percent of Total	41.3%	40.4%				
	-					

Source: RMP's Second Supplemental Response to UIEC Data Request No. 8.6.

### 233 Q WHAT DO YOU CONCLUDE FROM THIS COMPARISON?

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I conclude that when an apples-to-apples comparison is made of the sales volumes, that Utah is falling short of RMP's ambitious growth forecasts. Utah sales are lower than forecasted, and Utah sales as a percentage of total RMP sales are lower than forecasted.

#### Q HAS CUSTOMER GROWTH KEPT UP WITH RMP'S FORECAST?

No. In my direct testimony (pages 15-16), I noted that from July 2007 through January 2008 RMP had forecasted to add 13,200 residential customers in Utah but actually only added 6,570 customers.

RMP's updated response to UIEC Data Request No. 8.3 shows that the Utah residential customer additions in February and March 2008 were only 1,689 as compared to a forecast of 2,680 new customers. Thus, growth continues to be below forecasted levels.

### 246 Q DOES THIS COMPLETE YOUR SURREBUTTAL TESTIMONY?

247 A Yes, it does.

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#### **CERTIFICATE OF SERVICE**

(Docket No. 07-035-93)

I hereby certify that on this 23rd day of May, 2008, I caused to be e-mailed, a true and correct copy of the

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