

Witness OCS – 3D

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

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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	)	Docket No. 10-035-124
	)	
	)	Direct Revenue
	)	Requirement Testimony
	)	of Donna Ramas
	)	For the Office of
	)	Consumer Services

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May 26, 2011

State Process. Thus, the increase in projected REC revenues reflected in the update is \$30,433,195. However, an additional \$11,117,317 is reflected in RMP's update to be allocated to Utah using the SG allocation factor as a result of the re-allocation of the amounts that would otherwise be allocated to California, Oregon and Washington in the allocation model. The total impact that needs to be input into the jurisdictional cost allocation model is an increase in amounts allocated using the Account 456 SG allocation of \$41,550,512. The adjustment presented on Exhibit OCS 3.10 does not modify this approach that was used by RMP in its filing and the update thereto.

**Additional REC Revenues**

**Q. WOULD YOU PLEASE BRIEFLY DISCUSS HOW RMP PROJECTED THE AMOUNT OF RENEWABLE ENERGY CREDIT REVENUES INCORPORATED IN ITS ORIGINAL FILING?**

A. The calculation of the Company's forecasted REC revenues for the future test year was presented by RMP in Exhibit \_\_ (SRM-3), page 3.4.2, and was discussed in the direct testimony of Stefan A. Bird. In forecasting REC revenues, the Company's calculation began with the total projected wind generation for the test year that is incorporated in its case, with each wind generated MWH equaling one REC from wind generation. The resulting total projected volume of RECs based on the wind resources in

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562 the Company's test year forecast was then reduced to remove the RECs  
563 that are banked to satisfy the renewable portfolio standards (RPS) in  
564 California, Oregon and Washington. After accounting for the RPS banking  
565 requirements, RMP then applied a 75% factor to the remaining wind  
566 MWHs, or RECs, available for sale, reflecting projected sales of RECs  
567 based on 75% of its total projected RECs available. On Company Exhibit  
568 RMP\_\_(SRM-3), page 3.4.2, the resulting amount is shown as the  
569 Company's projected RECs to be sold in the test period. In its adjustment,  
570 RMP then separates the resulting amounts between the already known  
571 wind sales that are committed to for the test year and the remaining  
572 RECs. These exclude the 25% that were removed through RMP's  
573 application of the 75% factor and exclude the RECs reserved for  
574 California, Oregon and Washington RPS requirements banking.

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576 For the known wind sales that are committed to for the test year, the  
577 Company reflected the projected revenues based on known amounts. For  
578 the remaining available wind credits that the Company incorporated in its  
579 filing to be sold during the test year, the Company applied a price of \$7  
580 per REC.

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582 The Company's projections also incorporate a projected sale of vintage  
583 RECs, which is based on its projection of the amount of RECs remaining

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584 from the previous period, or the 12 months ending June 2011. For the  
585 projected vintage REC sales, RMP applied a price of \$4 per REC.

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587 All of these Company assumptions result in the projected test year REC  
588 revenues contained in the original filing of \$55,714,225. As indicated  
589 previously in this testimony, in its first supplemental response to DPU  
590 10.52, RMP increased its projected test year REC revenues to  
591 \$86,147,420.

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593 **Q. WHAT REVISIONS DID THE COMPANY MAKE TO THE ORIGINAL**  
594 **FORECAST THAT IT PRESENTED IN EXHIBIT RMP\_\_(SRM-3), PAGE**  
595 **3.4.2 IN ITS UPDATED PROJECTION, WHICH REFLECTED THE NV**  
596 **ENERGY CONTRACT?**

597 **A.** In its first supplemental response to DPU 10.52, RMP provided a  
598 confidential revised version of page 3.4.2 of its filing. **\*\*\*BEGIN**

599 **CONFIDENTIAL** [REDACTED]

600 [REDACTED]

601 [REDACTED]

602 [REDACTED]

603 [REDACTED]

604 [REDACTED]

605 [REDACTED]

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\*\*\*END CONFIDENTIAL\*\*\*

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The Company's original projections incorporated in its filing at page 3.4.2  
excluded non-wind related REC sales from its forecast.

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**Q. WHY DID THE COMPANY APPLY A 75% FACTOR TO DETERMINE  
THE AMOUNT OF RECS TO BE SOLD IN THE TEST PERIOD FOR  
PURPOSES OF PROJECTING THE TEST YEAR REC REVENUES?**

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**A.** In the direct testimony of Stefan A. Bird, at page 3, he indicates that the  
Company sells only 75% of the forecast wind RECs on a forward basis  
"...to insure it can perform under any contracts, bundled or unbundled, that  
it may enter into." His testimony also indicates that based on the  
Company's experience so far coupled with the wind data that it has  
received, selling 75% on a forward basis ensures that the Company can  
perform under its contracts and avoid exposing the Company to costs  
associated with liquidated damages or non-performance.

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**Q. DO MR. BIRD'S STATEMENTS MEAN THAT THE COMPANY WILL  
ONLY SELL 75% OF THE WIND RELATED RECS THAT ARE**

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630 **GENERATED DURING THE TEST YEAR THAT ARE NOT BEING**  
631 **BANKED FOR RPS COMPLIANCE REQUIREMENTS?**

632 A. No, it does not. It simply means that the Company sells only 75% of the  
633 forecasted wind RECs on a "forward basis". If RMP is able to generate  
634 RECs above the 75% level, it will have the ability to offer any remaining  
635 RECs for sale in the market. The Company has provided no justification  
636 for its assumption that it will not sell the remaining 25% of the RECs that  
637 its filing projects it will produce during the test year in this case.

638

639 **Q. HOW HAS THE HISTORIC PERCENTAGE OF WIND GENERATED**  
640 **RECS SOLD IN EACH YEAR COMPARED TO THOSE PRODUCED?**

641 A. After removing the amount associated with RPS banking requirements,

642 **\*\*\*BEGIN CONFIDENTIAL\*\*\*** [REDACTED]

643 [REDACTED]

644 [REDACTED]

645 [REDACTED] **\*\*\*END CONFIDENTIAL\*\*\***

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647 **Q. DO YOU RECOMMEND THAT THE 75% FACTOR APPLIED BY THE**  
648 **COMPANY AND DISCUSSED IN THE DIRECT TESTIMONY OF MR.**  
649 **BIRD BE REVISED?**

650 A. Yes. In this case, I recommend that the 75% factor be increased to 90%,  
651 reflecting a projection that the Company will sell 90% of its wind related  
652 RECs that it projects to produce during the test year. This is after removal

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653 of the RPS banking requirement factors for the states of California,  
654 Oregon and Washington.

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656 **Q. IS THE COMPANY'S PROJECTED SALES PRICE OF \$7 PER REC**  
657 **FOR THE REMAINING AVAILABLE WIND-RELATED RECS A**  
658 **REASONABLE PROJECTION?**

659 A. No, it is not. It is my opinion that it is significantly understated.

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661 **Q. HAS THE COMPANY BEEN SUCCESSFUL IN PAST CASES IN**  
662 **PROJECTING THE REC SALES PRICE?**

663 A. No. In the last rate case, Docket No. 09-035-23, the Company  
664 significantly under projected the amount of revenues to be produced from  
665 the sale of RECs and substantially under projected the price per REC.

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667 **Q. COULD YOU PLEASE ELABORATE?**

668 A. Yes. The Company's last rate case incorporated a future test period  
669 ending June 30, 2010. In its original filing, RMP projected total REC  
670 revenues of \$7,411,125. This assumption included a projected sales price  
671 per wind related REC sold of \$3.50. It also assumed that only 75% of the  
672 available MWHs would be sold after removal of the RPS banking  
673 requirements. In response to an OCS recommended adjustment to the  
674 projected REC revenues, RMP increased its projected test year ended  
675 June 30, 2010 REC revenues in rebuttal testimony from the \$7.4 million in

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its initial filing to \$18.5 million. However, as shown in Exhibit RMP\_\_(SRM-3), page 3.4 of the current case, the actual booked REC revenues for the base year ended June 30, 2010 was \$98,525,363. In other words, the Company's rebuttal position in the last rate case under forecast the REC revenues for the period ended June 30, 2010 by over \$80 million.

By the time of hearings in the last general rate case, and possibly by the time it filed the rebuttal testimony in that case, the Company would have been aware of the substantial increase in the price per REC that was occurring, yet it chose not to inform the parties of this information either prior to or during the hearings in that case.

**Q. HOW HAVE RECENT SALE PRICES PER REC COMPARED TO THE \$7 PER REC ASSUMPTION INCORPORATED IN THE COMPANY'S FILING IN THIS CASE?**

A. In the table below I present the actual average wind related REC sales price received by the Company in 2010, as well as the Company's forecast average wind related REC sales price for 2011 and 2012. These amounts were provided by the Company in its confidential responses to UAE 5.3 and UAE 5.4.

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\*\*\*END CONFIDENTIAL\*\*\*

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717 Q.

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Clearly, based on the sale prices for the last few years and known contracts, the Company's projection of \$7 per REC for the remaining available wind credits that are not under contract is not a reasonable or realistic assumption.

**WHAT AMOUNT DO YOU RECOMMEND BE USED FOR THE  
REMAINING AVAILABLE WIND CREDITS THAT ARE NOT**

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719           **CURRENTLY UNDER CONTRACT FOR THE TEST YEAR IN THIS**  
720           **CASE?**

721    A.     I recommend that the amount be calculated based on a price per REC of  
722           \$36. It is my opinion that this is a more reasonable assumption than the  
723           \$7 per REC incorporated in the Company's projections.

724

725    **Q.     WHAT OVERALL ADJUSTMENT DO YOU RECOMMEND?**

726    A.     As shown on Exhibit OCS 3.11, I recommend that the Company's updated  
727           REC revenue projections be increased by an additional \$44,538,991 on a  
728           total Company basis, resulting in total OCS recommended REC revenues  
729           for the test year ending June 30, 2012 of \$130,686,411. The impact on a  
730           Utah basis is an increase in Utah allocated REC revenues of \$26,461,642.

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732           In calculating this amount I used the same assumptions and calculations  
733           used by the Company and its updated REC revenue projection provided in  
734           its first supplemental response to DPU 10.52. The only changes I have  
735           made were to increase the percent sold from the amount in the  
736           Company's update to 90%, and to increase the price per REC for the  
737           remaining wind credits that are not under contract from the amount in the  
738           Company's update to a price of \$36 per REC.

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740    **Q.     COULD THE AMOUNT OF REC REVENUES TO BE COLLECTED BY**  
741           **THE COMPANY DURING THE FUTURE TEST YEAR ENDED JUNE 30,**

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742           **2012 BE HIGHER THAN THE AMOUNT INCLUDED IN YOUR**  
743           **FORECAST?**

744    A.    Yes, it could. The Company's original forecasted REC revenues did not  
745           include any amounts associated with non-wind related REC sales.  
746           However, historically the Company has sold RECs generated from assets  
747           other than wind, such as hydro RECs and RECs created by the Blundell  
748           facilities. It is not reasonable to assume that there will be no non-wind  
749           related REC sales in the test year.

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751    **Q.    DO THE COMPANY'S UPDATED PROJECTIONS INCLUDE ANY**  
752           **PROJECTED REVENUES ASSOCIATED WITH NON-WIND RELATED**  
753           **REC SALES?**

754    A.    **\*\*\*BEGIN CONFIDENTIAL\*\*\*** [REDACTED]

755           [REDACTED]

756           [REDACTED]

757           [REDACTED]

758           [REDACTED] **\*\*\*END CONFIDENTIAL\*\*\*** However, it is likely that  
759           the Company will sell additional non-wind related RECs during the test  
760           year. At this time I have not included an adjustment to incorporate  
761           additional non-wind related REC sales. As a result, the projected REC  
762           revenues in my recommendation may be understated.

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764 **Q. GIVEN THE COMPANY'S RECORD REGARDING THE PROJECTION**  
765 **OF REC REVENUES AS WELL AS THE VOLATILITY IN THE REC**  
766 **MARKET, SHOULD ANY SAFEGUARDS BE PUT INTO PLACE TO**  
767 **PROTECT RATEPAYERS IN THE EVENT THAT THE AMOUNTS YOU**  
768 **ARE PROJECTING IN THIS CASE ARE UNDERSTATED?**

769 A. Yes. REC sales and REC revenues are impacted by many factors such  
770 as the amount of RECs produced and purchased in a year, the amount of  
771 RPS banking requirements, as well as the amount the Company sells in  
772 any given year. They are also impacted by factors such as whether they  
773 are sold as a bundled product with the energy or as an unbundled REC.  
774 RECs that are produced in a year and not sold within that year (Vintage  
775 RECs) still exist and can be sold in future periods. Additionally, various  
776 states have recently changed and are still changing renewable energy  
777 portfolio requirements thereby impacting the market. The addition of  
778 transmission allowing for the bundling of more RECs with the energy  
779 produced can also impact the sales level and prices. These factors, as  
780 well as others, result in changes and uncertainties in the REC market and  
781 fluctuations in the prices available for REC sales. There are also many  
782 opportunities for the Company to manipulate the amount of REC sales  
783 within a 12 month period, which can negatively impact ratepayers.

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785 Given the amount of volatility, uncertainty and fluctuation, as well as the  
786 ability of the Company to control the amount and timing of sales to some

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787 degree, I recommend that RMP be required to record the difference  
788 between the amount of REC revenues approved by the Commission in  
789 this case for inclusion in rates and the actual REC revenues realized, with  
790 any differences being recorded in a regulatory deferral account. As  
791 ratepayers are paying for the wind facilities and other generation facilities  
792 that produce the RECs, they should also receive the benefit of the  
793 revenues generated from the REC sales. Additionally, interest should be  
794 imputed on the amount deferred. At the time of the next rate case, the  
795 balance in the regulatory deferral account could be amortized. I  
796 recommend that this regulatory deferral treatment remain in place for the  
797 next several rate cases and can be reconsidered at a future time.

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799 At the time of the next rate case following this case, any deferred balance  
800 would be amortized as part of the revenue requirement. The annual REC  
801 revenue level can be reviewed and possibly reset for inclusion in base  
802 rates based on facts and information available at that time. Following the  
803 next rate case, the regulatory deferral treatment would continue based on  
804 the amount incorporated in the base rates. This mechanism would protect  
805 both customers and the Company. As I recommend the deferrals  
806 accumulate interest, this would give the Company incentive to project a  
807 realistic amount in its rate case filings.

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