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Utah Public Service Commission  
Heber Wells Building  
160 E 300 S  
Salt Lake City, UT 84111

August 30, 2017

Dear Commissioners:

Pursuant to the Order Approving Stipulation in Docket No. 15-057-10, Questar Gas is filing its report of the five-year forward curve. This is the same curve that was presented at the August 2, 2017 IRP technical conference. The curve is included as Attachment 1. This curve was calculated using the same method as described in paragraph 14 of the Settlement Stipulation in Docket No. 15-057-10. The spreadsheet detailing the calculations in the five-year forward curve is included as attachment 2. For informational purposes, we have also included Attachment 3, which shows that during the 2015-2016 IRP year, 60% of the forecast demand for Questar Gas customers was supplied by Wexpro production.

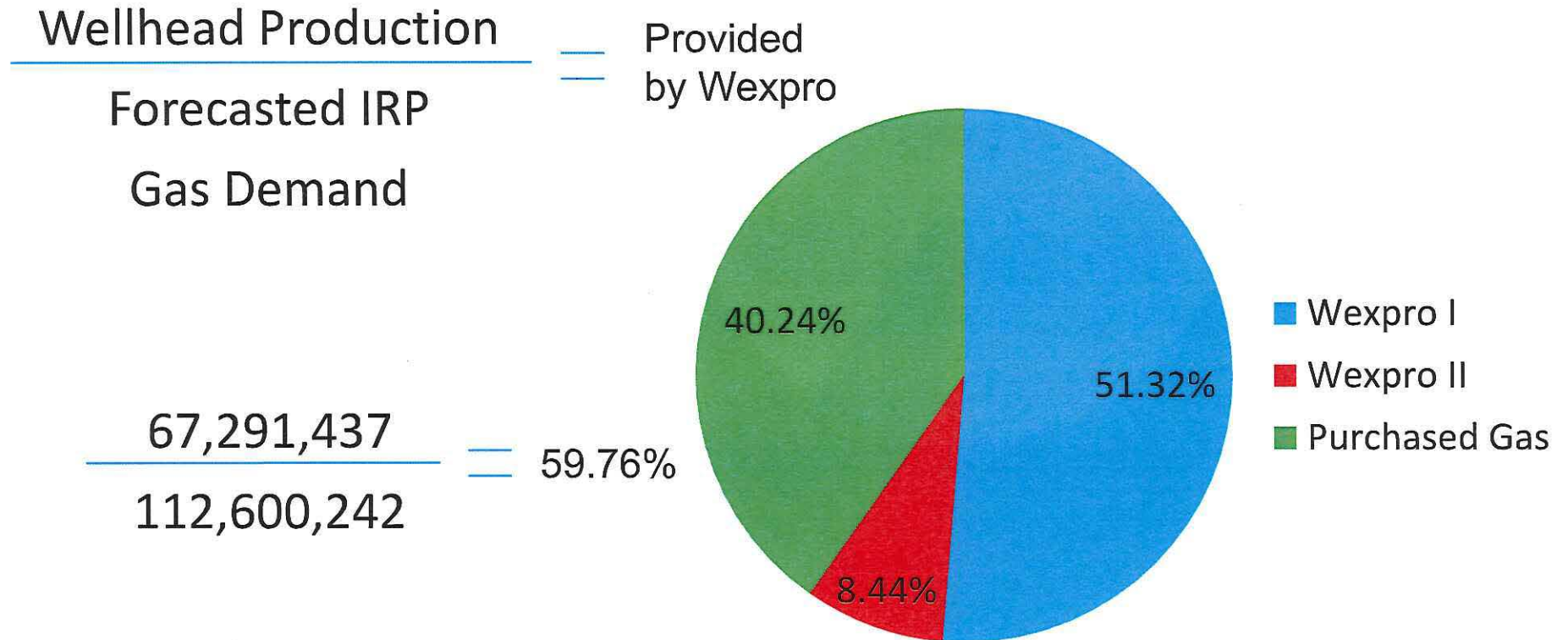
Please let me know if you need any other information or have any questions.

Regards,

A handwritten signature in blue ink that reads "Barrie L. McKay".

Barrie L. McKay  
Director, Customer Rates & Regulation

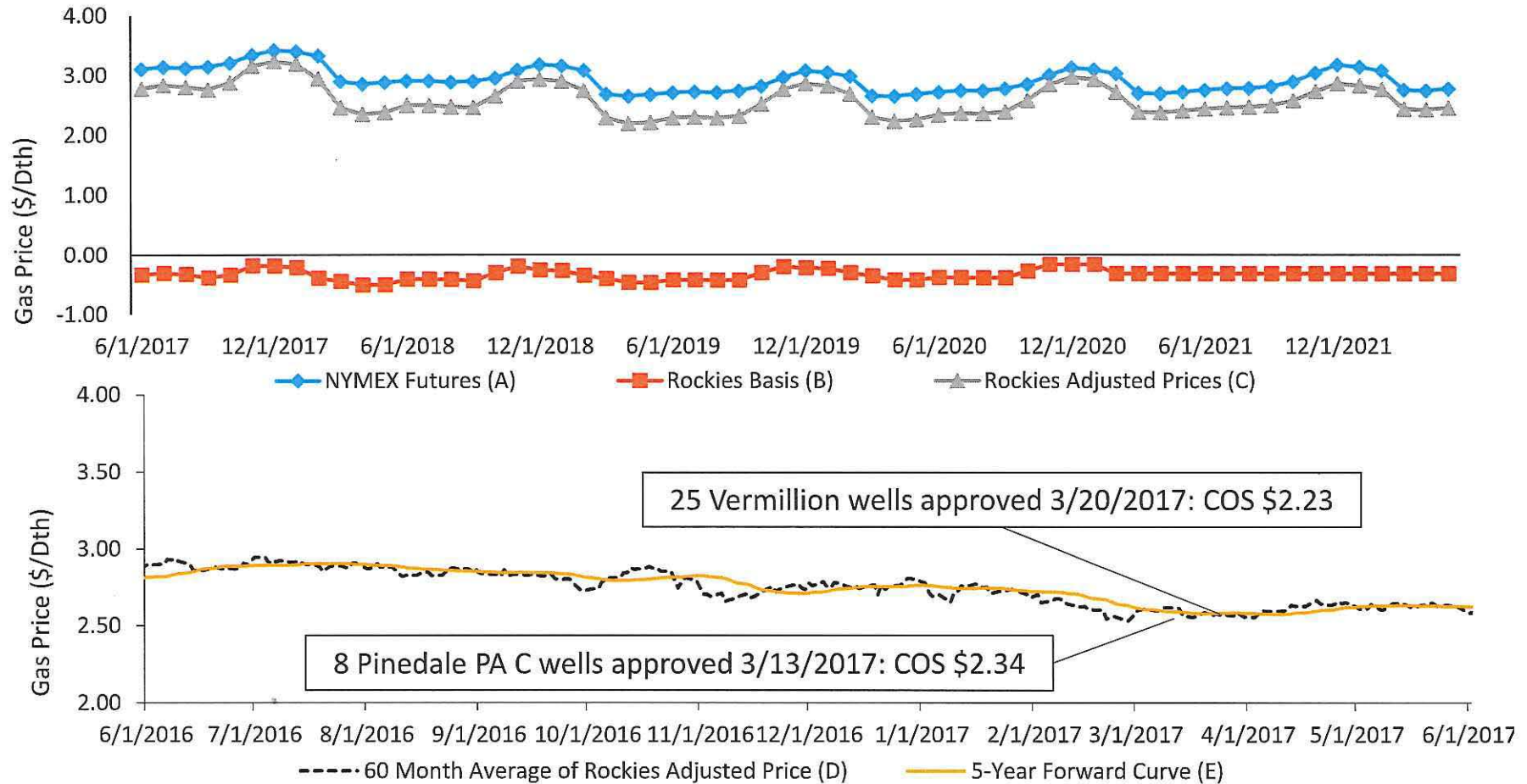
# 2016 – 2017 IRP Year Production



# Calculation of 5-Year Forward Curve

## Gas Prices Utilized

- (A) NYMEX Monthly Price (60 Months) (1)
- (B) Northwest Pipeline Rockies Basis (2)
- (C) Rockies-Adjusted Prices (A+B)
- (D) 60 Month Average Rockies-Adjusted Price (C)
- (E) Average of 20 Trailing Days of (D) = 5-Year Forward Curve



Sources:

- (1) [www.ino.com](http://www.ino.com)
- (2) [www.cmegroup.com/trading/energy/natural-gas/northwest-pipeline-rockies-natural-gas-basis-swap-futures-platts-iferc\\_quotes\\_settlements\\_futures.htm](http://www.cmegroup.com/trading/energy/natural-gas/northwest-pipeline-rockies-natural-gas-basis-swap-futures-platts-iferc_quotes_settlements_futures.htm)

## Austin Summers (Questar - 6)

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**From:** Carol Revelt <crevelt@utah.gov>  
**Sent:** Wednesday, August 23, 2017 4:11 PM  
**To:** Austin Summers (Questar - 6)  
**Subject:** Re: [External] Fwd: CORRECTION Docket No. 15-057-10, QGC Curve Calculation Data

Thanks, Austin!

Carol

On Wed, Aug 23, 2017 at 4:01 PM, Austin Summers (Questar - 6) <[austin.summers@dominionenergy.com](mailto:austin.summers@dominionenergy.com)> wrote:  
Yes, we will file it - hopefully by the end of the week. Thanks for the reminder.

- Austin

Sent from my iPhone

> On Aug 23, 2017, at 2:55 PM, Carol Revelt <[crevelt@utah.gov](mailto:crevelt@utah.gov)> wrote:

>

> Hi Austin:

>

> Will Dominion be filing the information supporting the calculation of the 5-year forward curve with the PSC like you did last year? We were thinking that since the information was presented during the 2017 IRP tech conference that docket would be a good place to file the information.

>

> Let me know.

>

> Carol

>

>

> ----- Forwarded message -----

> From: PublicService Commission <[psc@utah.gov](mailto:psc@utah.gov)<<mailto:psc@utah.gov>>>

> Date: Wed, Oct 19, 2016 at 8:07 AM

> Subject: CORRECTION Docket No. 15-057-10, QGC Curve Calculation Data

> To: Jordan White <[jordanwhite@utah.gov](mailto:jordanwhite@utah.gov)<<mailto:jordanwhite@utah.gov>>>, Abdinasir Abdulle

<[aabdulle@utah.gov](mailto:aabdulle@utah.gov)<<mailto:aabdulle@utah.gov>>>, Al Zadeh <[azadeh@utah.gov](mailto:azadeh@utah.gov)<<mailto:azadeh@utah.gov>>>, "Beck, Michele"

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