RESA Statement No. 1
6/2/16 19697X

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

UGI Utilities – Gas Division

Docket No. R-2015-2518438

DIRECT TESTIMONY

OF

ORLANDO MAGNANI

April 12, 2016

1 Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

- 2 A. My name is Orlando (Randy) Magnani. My business address is 19561 Caladesi Drive,
- 3 Estero, FL, 33967.

4 Q. PLEASE SUMMARIZE YOUR EDUCATIONAL BACKGROUND AND PROFESSIONAL EXPERIENCE.

A. I am President of Rand Energy Consultants. As such, I provide consulting services to natural gas suppliers ("NGSs") primarily related to operational and technical issues. In this proceeding, I am representing the Retail Energy Supply Association ("RESA"). Prior to my current position, I was Director of Natural Gas Operations for the Energy Marketing Division of Hess Corporation from 2001 to 2013. As Director of Operations at Hess, I oversaw all of Hess' natural gas marketing operations (including forecasting, scheduling and pricing) for the local natural gas natural gas distribution companies ("NGDCs") located in the Hess Energy Marketing footprint. I was responsible for overseeing Hess' six regional operations offices, which had the local day-to-day duties for natural gas operations within their specific geographic regions. Hess operated behind over seventy NGDCs.

Prior to that, from 1998-2001, I was a Principal with Navigant Consulting performing various consulting services primarily related to NGDC issues. From 1996 to 1998, I was President and Chief Operating Officer for KeySpan Energy Services, Inc. ("KeySpan"). At KeySpan, I had general supervisory responsibility for its gas marketing business. From 1971 through 1996, I held several titles at The Brooklyn Union Gas Company ("Brooklyn Union"), the NGDC based in Brooklyn, New York. I served as Manager of Gas Operations where I was responsible for the operation and maintenance of the company's LNG plant and high-pressure transmission system, as well as all

Union's Manager of Rates and Gas Supply where I was responsible for cost allocation and rate design of utility rates, state and federal regulatory affairs, and gas supply planning and contract negotiation and administration. I also served as Manager Project Development where I set up and managed a wholesale marketing business designed to generate margin from under-utilized supply, capacity and storage assets. Prior to that, I was a Junior Engineer with the New York Public Service Commission. I carned a Bachelor's Degree in Chemical Engineering from Manhattan College in 1970.

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I have previously submitted testimony before the Pennsylvania Public Utility Commission ("Commission"). I testified in an Equitable Gas Company proceeding as well as a Philadelphia Gas Works proceeding, and presented a statement in the SEARCH proceeding. In addition to testifying in Pennsylvania, I have testified before Public Utility Commissions in eight states: New York, Massachusetts, Maryland, Ohio, Missouri, Virginia, Connecticut and Rhode Island. I have also testified before the District of Columbia Public Service Commission and the Federal Energy Regulatory Commission. I have over 45 years of professional experience working for competitive natural gas suppliers, natural gas consultants, and a gas LDC encompassing a comprehensive array of natural gas related matters.

O. ON WHOSE BEHALF ARE YOU TESTIFYING IN THIS PROCEEDING?

I am testifying on behalf of RESA whose members operate in UGI Utilities, Inc. - Gas Division's ("UGI") territory, other gas and electric territories throughout Pennsylvania and other restructured and fully regulated markets. RESA is a broad and diverse group of retail energy suppliers who share the common vision that competitive retail electricity and natural gas markets deliver a more efficient, customer-oriented outcome than does

the monopoly, rate-regulated utility structure. RESA is devoted to working with all interested stakeholders to promote vibrant and sustainable competitive retail electric and natural gas markets in the best interests of residential, commercial and industrial consumers. Its website is: http://www.resausa.org/.

O. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?

I will address several issues. First, I will recommend that UGI's present requirement that NGSs balance customers in rate schedules by meter reading date or billing cycle date be modified. UGI's present requirement makes managing customer pools on UGI's system unnecessarily difficult, thereby making it more expensive for NGSs, and ultimately The second item I will discuss is the inequitable allocation of Transco pipeline capacity at the UGI city gate. This practice unfairly increases gas costs to larger transportation customers and reduces gas costs to UGI Sales Customers. The increase in gas costs to large customers is inappropriate but this problem is compounded by the fact that the allocation of cheaper gas supply to UGI customers creates an inappropriate price to compare, thus distorting competition. The third item I will discuss is the unnecessarily high penalty payment required for what UGI terms "intentional imbalances" of ten times the Gas Daily Index price for gas. This penalty goes far beyond a level required to meet UGI's objective to "deter arbitrage and preserve system reliability." As to the fourth item in my testimony, I have concerns about what appears to be a significant reduction in the proposed gas procurement charge ("GPC") rate that reflects natural gas procurement costs removed from base rates and is a component of the price to compare ("PTC"). Finally, I will discuss UGI's compliance with the Commission's Standards of Conduct.

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POOL BALANCING REQUIREMENTS

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2 Q. PLEASE EXPLAIN UGI'S REQUIREMENT FOR POOLS BASED ON METER READING OR BILLING CYCLE DATE

This is an operational issue that makes it very difficult for NGSs to serve customers in UGI's service area. UGI requires competitive NGSs to balance customers' deliveries within multiple pools for each rate schedule that are also separated by meter reading date A "pool" is a group of customers lumped together by some or billing cycle date. characteristic – usually rate schedule. There are over twenty billing cycles in a month. Instead of balancing load for one pool, NGSs are required by UGI to balance approximately twenty pools a month for customers on various rate schedules. Ultimately, this results in smaller pool sizes which are inherently more difficult to balance. Balancing is the task of equalizing gas deliveries with anticipated customer load within a given pool. Punitive balancing transfer fees are charged to move scheduled gas between customer pools further increasing the overall cost to serve customers. NGSs must have a large number of customers in order to balance a pool effectively, and yet this required separation by meter reading or billing cycle date means that even NGSs with large numbers of overall customers are forced to balance what become small pools. Although transportation customers are not required to maintain Automated Meter Reading ("AMR") devices, they are subject to the same balancing provisions of customers with AMR devices, furthering the challenges NGSs may have of balancing customers in various pools. This practice deviates from the UGI Central Penn Gas ("CPG") tariff that UGI is attempting to streamline. UGI CPG's tariff requires transport customers to install AMR devices as a character of service and balances all transportation customers on a calendar month meter read cycle. Moreover, this structure makes it difficult to acquire new customers because the cost of balancing small pools of customers, which is more challenging to minimize, needs to be built into the cost to serve the customer. This process increases NGSs' overall costs compared to having larger consolidated pools in place. Further, this procedure creates a high barrier to entry to the market and inhibits the competitive market. To my knowledge, UGI is the only utility to require balancing transportation customers by billing cycle date. UGI's sister utilities as well as every other utility I've dealt with do not impose this system on NGSs.

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This system is antiquated and unnecessary particularly since many of the customers have AMR. While not a requirement, many of the transportation customers have AMR and UGI has the ability to read the meter for those customers at the end of the month and use those readings for balancing purposes similar to processes currently in place at UGI CPG and UGI Penn Natural Gas. Transportation customers that do not have AMR installed should be required to install AMR to remain on their current rate or moved to an appropriate pool where they would be balanced monthly with delivery requirements forecasted by UGI. If for some reason it is not possible to move the customers in that fashion, UGI could estimate consumption and aggregate the load into a monthly period so that NGSs would only be required to balance one pool a month for each affected rate schedule. Every other utility is able to use this procedure and UGI should be able to do so as well. Accordingly, UGI's current requirement that customers must be grouped for balancing by meter read date or billing cycle is antiquated, unnecessary, unreasonable and raises an entry barrier for NGSs to operate on its system. If it does not voluntarily do so, UGI should be required to move to monthly balancing with consolidated pools consistent with other UGI NGDC affiliates.

UGI CITY GATE CAPACITY ALLOCATION

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2 Q. PLEASE EXPLAIN THE SECOND ISSUE YOU WISH TO DISCUSS: THE INAPPROPRIATE ALLOCATION OF CAPACITY AT THE UGI CITY GATE.

For Choice customers, UGI allocates capacity at each city gate in the form of a slice of the system approach, i.e. each NGS gets a pro rata share of each city gate. However, for the larger customers, UGI does not allocate the NGS any space at the Transco gate. Transco is a FERC regulated interstate pipeline that is one of the major sources of gas supplies on the UGI system. It delivers some of the lower cost supplies that can access the UGI service territory. As Transco is the cheapest source of gas into UGI's territory, the net effect of this lack of City Gate space is that NGS gas costs to serve large customers are higher than they could be. In addition, a further result of this inequity is that UGI has more Transco capacity gas available to serve its own sales customers effectively lowering the overall price to compare. Essentially, large shopping customers pay more for gas than they should and smaller sales customers pay less than they should. This situation has an anti-competitive effect as NGSs that sell to smaller choice customers are forced to unfairly compete against a lower cost to compare. And, to the extent that competition is impaired, customers will suffer because they will not enjoy the benefits of a fully competitive market. This situation should be corrected and UGI should allocate capacity to all customers on a pro rata basis so that all customers pay an appropriate cost and competition is not harmed.

EXCESSIVE PENALTIES FOR OFO IMBALANCES

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2 Q. PLEASE EXPLAIN THE THIRD ISSUE YOU WISH TO DISCUSS: THE EXORBITANT PENALTY FOR "INTENTIONAL IMBALANCES" OF TEN TIMES GAS DAILY.

UGI charges a penalty of ten times the Gas Daily Index ("GDI") price for imbalances that occur on Operational Flow Order ("OFO") dates. This penalty is extremely high, above a level that would constitute a deterrent, and should not be allowed. In a response to Interrogatory RESA II-12, Mr. David Lahoff stated that the penalty "is designed to deter arbitrage and preserve system reliability." That may be UGI's goal, but the same result could be accomplished with a much lower penalty amount. A penalty should be a deterrent; it should not be punitive. If a penalty was set at 1.5 times the highest Gas Daily Index for the day or even 1.1 times the same index, it would act as an effective deterrent and would still preserve system reliability. Any penalty greater than the highest price of the day ensures that an NGS will do everything it can do to avoid the penalty. So long as a penalty is set above the highest market price, deliberate arbitrage by an NGS is a no-win proposition because in addition to it being wrong, and subject to regulatory scrutiny, there is no net financial gain to the company attempting arbitrage. The only reason that an NGS would not deliver is because it simply couldn't find gas or, more likely, a scheduler made an honest mistake. Under those conditions, it's unreasonable to impose an excessive penalty that could bankrupt a company. One could say that a penalty of one thousand times or one million times GDI would act "to deter arbitrage and preserve system reliability" but those penalties would clearly be unduly punitive and

UGI Answer to RESA-II-12 (attached hereto as Exhibit OM-1).

would not produce a better result than a penalty of 1.5 or even 1.1 times GDI. The ten
times penalty is unreasonably punitive and should be reduced to 1.1 the highest GDI.

GAS PROCUREMENT CHARGE

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4 Q. DO YOU HAVE ANY CONCERNS REGARDING UGI'S PROPOSED GPC RATE?

Yes. Mr. Lahoff sponsors a revised GPC rate that reduces the current rate of \$0.04/Mcf to \$0.0146/Mcf as calculated on UGI Gas Exhibit DEL-11. The existing UGI GPC rate, I believe, is already the lowest GPC rate in Pennsylvania, and this proposal reduces it even further. The GPC rate is an element of the PTC, which is the critical price point of comparison for customers considering NGS products. The purpose of the GPC is to identify gas procurement costs that should be removed from base rates and should be included in the NGDC's PTC. Mr. Lahoff doesn't fully explain why there is such a significant drop in UGI's GPC rate, other than to note that the new lower rate reflects "current labor and information technology costs associated with the procurement function."

16 Q. DO YOU HAVE ANY RECOMMENDATIONS CONCERNING THE PROPOSED LOWER GPC RATE?

A. I have not performed a cost of service analysis on the proposed GPC rate so I do not have a specific rate recommendation for this important element of the PTC. However, based on my experience with NGDC cost of service, I do question why the cost elements of the proposed GPC rate do not include, for example, a cash working capital cost component given the significant expenditures UGI must make when it procures its gas supply. I recommend that the Commission closely examine whether UGI has met its burden to

² UGI Gas Statement No. 6, p. 29.

justify its proposed GPC rate and consider whether the evidentiary record supports such a significant reduction in this component of the PTC.

UGI COMPLIANCE WITH STANDARDS OF CONDUCT

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4 Q. IS UGI SUBJECT TO ANY RULES OR STANDARDS REGARDING UGI'S INTERACTION WITH ITS AFFILIATED NATURAL GAS SUPPLIERS?

A. Yes, as an NGDC, UGI is subject to the Standards of Conduct that are set forth in the Commission's regulations (52 Pa. Code § 62.141-142). These rules are also set forth in UGI's Tariff (UGI Gas Tariff No. 5-S, Rules and Regulations, § 10.1. Generally, the rules prohibit an NGDC like UGI from providing preferences, advantages or special treatment to an affiliated NGS. The Standards of Conduct also contain specific provisions about maintaining logs of transactions and any waivers granted to tariff or other requirements, as well as rules about the allocation of costs to affiliates.

Q. WHY IS IT IMPORTANT FOR THE COMMISSION TO ENSURE THAT UGI ADHERES TO THESE STANDARDS OF CONDUCT?

From an NGS perspective, it is very important that these standards be scrupulously adhered to in order to assure that UGI not exploit its distribution (i.e., monopoly) function in order to unfairly benefit any affiliated NGSs, to the detriment of unaffiliated NGSs such as RESA members. This is especially important for UGI because UGI has active affiliated NGSs in UGI's service territory that use the name "UGI" in their marketing and communications with customers, thereby raising the concern that the affiliates are able to obtain special knowledge or information about the UGI distribution system or that customers may confuse the affiliated NGSs with the utility or obtain the impression that the affiliate's service is somehow more reliable or better than that of an unaffiliated NGS. If UGI is able to do this, then robust competition in UGI's service

territory will be impaired, which, ultimately will be to the detriment of customers and the market.

3 Q. ARE THERE ANY PROVISIONS DEALING WITH ADVERTISING OR MARKETING BY AN NGS AFFILIATE USING THE NAME OF THE NGDC?

Yes. Section 62.142(a)(15) of the Commission's regulations directs that "[w]hen an 5 A. 6 affiliated NGS communicates to the public using the NGDC name or logo, it shall 7 include a legible disclaimer that states that: (i) the affiliated NGS is not the same 8 company as the NGDC; (ii) the prices of the affiliated NGS are not regulated by the 9 Commission; and (iii) a customer does not have to buy natural gas or other products from the affiliated NGS to receive the same quality of service form the NGDC." Subsection 10 11 (16) directs that when the affiliated NGS advertises or communicates verbally using the NGDC name (or logo) it must provide a "legible disclaimer" containing all the points 12 listed above.4 13

14 Q. DOES IT APPEAR THAT ALL OF UGI'S AFFILIATES ARE COMPLYING WITH ALL OF THESE REQUIREMENTS?

A. Not from the evidence we have been given. RESA asked UGI in discovery to "[p]lease explain how UGI implements [62.142(a)(15)] with respect to marketing and communications to the public by an affiliated [natural gas supplier] NGS." UGI referred in its answer to several PowerPoint presentations that were entitled "PUC Code of Conduct Training." These were described as materials for training on the Commission Standards of Conduct that UGI and UGI Energy Services ("UGIES") provided to its

³ 52 Pa. Code § 62.142(a)(15).

⁴ 52 Pa. Code § 62.142(a)(16).

UGI Answer to RESA-II-8 (attached hereto as Exhibit OM-2).

employees. Under the title "Supplier Must Disclose Affiliation," one of the slides states that: "UGIES includes [the disclosures required by 62.142(a)(14) and (15)] in its Pennsylvania advertising." However, while the slide specifically references a disclaimer statement on the website for UGI EnergyLink ("EnergyLink"), it makes no mention of UGIES's website.

Indeed, when I search UGIES's website, I cannot find the three required disclosures detailed above. I have attached a printout of UGIES's current main webpage, as well as UGIES' LinkedIn page. The necessary disclaimer for an NGS using the UGI name does not appear to be present. Looking at the webpages I have captured, it seems that UGIES is holding itself out as an NGS. Having a disclosure posted on one UGI affiliated NGS's website (EnergyLink) but not included with every affiliated NGS marketing, advertising and communications sent to customers is a deficiency that should be repaired by UGI without delay.

14 Q. WOULD IT BE SUFFICIENT TO MERELY POST THE REQUIRED 15 DISCLAIMER ON THE WEBSITES OF ENERGYLINK AND UGIES (OR ANY 16 OTHER AFFILIATED NGS)?

17 A. No, it would not. The Standards of Conduct plainly dictate that the required disclaimers
18 should be placed on all marketing, communications or advertising. Moreover, and
19 perhaps most importantly, the disclaimer should appear on the UGIES or EnergyLink
20 page of the UGI consolidated bill and any and all marketing that UGIES or EnergyLink
21 does.

⁶ UGI Answer to RESA-II-8, Attachment II-1-1a, slides 23,24 (attached hereto as Exhibit OM-3).

⁷ Exhibit OM-4.

1 Q. ARE THERE OTHER ASPECTS OF UGI'S IMPLEMENTATION OF THE STANDARDS OF CONDUCT THAT CONCERN YOU BASED UPON THE INTERROGATORY RESPONSE?

4 A. Yes. In answer to another RESA data request which asked whether UGI had developed 5 rules or guidelines to assure that all distribution service discounts, fee waiver or rebates are not provided only to favored customers of it or its affiliated supplier, and, if not, how 6 UGI assures that no such favored treatment was being provided, it answered simply: 7 "UGI treats all customers in a nondiscriminatory manner and does not favor any 8 customer."8 However, merely promising "not to discriminate" isn't specific enough. 9 10 What if UGIES asks UGI to discount a distribution service in order to create a package in 11 order to win the business of a new or existing customer. Other NGSs might never know 12 that such a distribution discount was available. In this example, it is not clear whether UGI would consider arranging for such a discount only for the UGI affiliated supplier to 13 14 be "discrimination".

15 Q. BUT ISN'T "JOINT MARKETING" BARRED BY THE STANDARDS OF CONDUCT?

A. Generally yes, but there is one exception: "competitive bid situations." There is some evidence that UGI would consider the situation that I posit above to be permissible joint marketing. In its "PUC Code of Conduct Training" PowerPoint, it indicates that such a joint marketing attempt is technically permitted if it is in a "competitive bidding situation" (although it also points out that the term "competitive bid situation" is not defined by the regulations, is fact-dependent and "would need to be discussed by the Law

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⁸ UGI Answer to RESA-II-4 (attached hereto as Exhibit OM-5).

⁹ 52 Pa. Code § 62.142(a)(17)(iii).

Department."). ¹⁰ This is problematic because it appears to permit just the kind of "special treatment" by the NGDC that would result in a joint competitive bid to a customer that included a discounted distribution rate. Non-affiliated NGSs would be at a disadvantage because there is no indication that UGI views it as its responsibility to inform all other NGSs of the availability of this special discounted rate, so that they also could fairly compete for this customer's business.

7 Q. ARE THERE OTHER SITUATIONS INVOLVING THE STANDARDS OF CONDUCT THAT COULD BE CONCERNING FROM A COMPETITIVE FAIRNESS STANDPOINT?

Yes. Another concerning interpretation of the Standards involves UGI's interpretation of the requirement for non-discriminatory release of information, required by 52 Pa. Code § 62.142(a)(11). That section clearly states that an NGDC may not give its affiliate a preference or advantage in the provision of goods and services "including processing requests for information." That *should* mean that UGI should not give out valuable information about its operations or its plans solely to its affiliate but it should also not provide such information to its affiliate if asked, unless UGI then provides the same data to all NGSs on its system. Because UGI is a fairly small company, it is just too easy for an UGIES employee, through a prior or existing relationship with NGDC employees, to "know what (and when) to ask" to procure valuable operational or planning data that is not available to other NGSs because they aren't part of the UGI corporate family. An example would be when some new construction will be completed allowing a supplier to access gas from an interstate pipeline with lower cost supplies.

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UGI Answer to RESA-II-8, Attachment II-1-1a, slide 19 (attached hereto as Exhibit OM-6).

¹¹ 52 Pa, Code § 62.142(a)(11).

However, UGI's training materials again provide some indication that UGI may not be interpreting the Standards in a non-discriminatory way. Consider the answer provided by the training materials when the following hypothetical was posed: "Q. A UGIU engineer gets a call from a UGIES employee asking for information on utility system infrastructure. Can she provide it? A. It depends." 12

The answer goes on to quote the rule, stating that an NGDC may not give its affiliated NGS preference over a nonaffiliated NGS in ... processing requests for information." It is not clear what part of the quoted rule would lead UGI to think it was acceptable to give only the UGIES employee information about utility system infrastructure. It may be that UGI was thinking that if the UGIES employee was the only NGS that asked, then it was not discriminatory to only provide it to its affiliate.

Finally, a "Pop Quiz" included in the PowerPoint poses the following question:
"Q. UGIU Marketing has a request for a distribution line extension to a new industrial park. May UGIU recommend UGIES as a natural gas supplier? A. Depends on whether this can be construed as *falsely* representing that the affiliate's services are superior. Safer not to make the recommendation."¹³

This is troubling. It is hard to imagine a situation in which UGI's affiliated NGS would be so far superior that a representation to that effect would not be at least debatable as false. At the very least, there will almost always be more than one NGS that would stand on equal footing with UGI's affiliate. Thus, this equivocation is not the kind of admonition that I believe is necessary or appropriate. I am not offering a legal opinion,

UGI Answer to RESA-II-8, Attachment II-1-1(a), slide 12 (attached hereto as Exhibit OM-7).

UGI Answer to RESA-II-1, Attachment II-1-1(a), slide 16 (attached hereto as Exhibit OM-8).

but I question whether UGI's plain reading of the Code of Conduct is correct with respect to "false and misleading" statements. I do not think under the Code that an NGDC may ever represent that its affiliates' services are of a superior quality (an unavoidably subjective opinion to begin with) and it is false and misleading under the Code of Conduct to ever suggest that this "advantage", or any other advantage, accrues from the customer using the NGDC's affiliate as a supplier.

7 Q. WHAT DO YOU RECOMMEND?

- 8 A. In addition to the complete compliance with "use of the utility name" standard discussed 9 above, I recommend the following:
 - a) UGI should be required to provide any operational planning, rate or other material information that it provides upon request to its NGS affiliates to other NGSs. This would be fulfilled by requiring UGI to post that information on a bulletin board so that it is available for review by all NGSs operating in its service territory.
 - b) Similarly, if UGI participates in a joint proposal in a "competitive bid situation" UGI should, again, be required to timely post information about the rates, terms or conditions that it is proposing in its joint bid and agree that it will provide those same rates, etc. to any other supplier that wishes to make such a bid.
 - c) UGI should revise its training and ongoing guidance to NGDC employees to make it clear that they may not represent that an NGS affiliate is superior to other NGSs in the market.

In addition, while I don't doubt that UGI is making a good-faith attempt to comply with the Standards of Conduct, too many opportunities exist, such as the one I just discussed, for UGI to extend a competitive advantage to its NGS affiliates to the detriment of non-affiliated NGSs. But this rate case is not a suitable vehicle in which to

conduct an investigation of such possible violations (or to fully understand UGI's position and point of view on the issues). I therefore recommend that the Commission initiate a management audit of UGI's Standards of Conduct compliance with recommendations to the Commission within a specified period, say 180 days. Any such audit should be conducted by an independent management audit firm overseen by the Commission, should seek out the input of gas suppliers, large customers and should interview UGIES and EnergyLink employees to determine how the Standards are being applied in practice. Of course, the auditors should thoroughly discuss with UGI and its affiliates the findings and craft recommendations to attempt to develop a truly level playing field that does not permit UGI's affiliates to exploit UGI's monopoly position to the detriment of the rest of the industry.

12 Q. DOES THIS COMPLETE YOUR DIRECT TESTIMONY?

13 A. Yes. It does.

EXHIBIT OM-1

RESA-II-12 (Prepared by David Lahoff)

Please refer to UGI Gas Tariff No. 6, Rule 20.4, Maximum Daily Excess Balancing Charge (Original Page 63).

- a. Please provide justification for and calculations and work papers that demonstrate the costs associated with exponentially increased multipliers on cashouts outside the 85%/115% tolerance bands.
- b. Regarding the "intentional imbalances" penalty of GDI x 10, please identify the costs that are incurred by UGI to support this level of penalty. Please provide calculations and work papers that demonstrate that UGI incurs such costs when the system is out of balance.
- c. Please explain the system constraints that require UGI to structure its nomination and balancing pools by workday cycle. Please further explain why it would not be possible to allow nomination and balancing pools at the customer rate level only and not further separated by workday cycle.

Response:

a and b. The Maximum Daily Excess Balancing Charge is designed to deter arbitrage and preserve system reliability. Section 20.4 of the Proposed Tariff was included to be made consistent with Section 16.5 of UGI CPG's Gas Service Tariff No. 4, which aligns with UGI's effort to standardize the Gas Tariffs across the three UGI NGDCs to the extent reasonably practicable. The multipliers were not changed, but the index rates were updated to reflect Texas Eastern pricing locations instead of Transco, since Texas Eastern is the predominant interstate pipeline with published index prices delivering gas to UGI's service territory.

c. Not all transportation customers have AMR equipment to provide daily meter reads, so workday cycles are needed to allow these meters to be read throughout the month instead of all on the same day. Since these customers do not have daily meter reads, they cannot be daily balanced, so they cannot be pooled together with daily-metered customers. Therefore, nomination and balancing pools need to be by workday cycle.

No Digital Attachments Found.

EXHIBIT OM-2

RESA-II-8 (Prepared by David Lahoff)

Please refer to UGI Gas Tariff No. 5-S, Rules and Regulations, 10.1(15) (Original Page 146); 52 Pa. Code § 62.142(a)(15). Please explain how UGI implements this provision with respect to marketing and communications to the public by an affiliated NGS.

Response:

Please see Attachment RESA-II-1-1a, slide 23.

No Digital Attachments Found.

EXHIBIT OM-3



Rule No. 5: Supplier Must Disclose Affiliation

- When marketing or communicating to the public using the EDC or NGDC name or logo, the affiliated supplier shall include a legible disclaimer stating:
 - Affiliated supplier is not the same company as the utility;
 - Prices of the affiliated supplier are not regulated by the PUC; and
 - Customer is not required to buy natural gas/electricity or other products from the affiliated supplier to receive the same quality of service from the utility.

Attachment RESA-II-1(a)
D. E. Lahoff
Page 24 of 33



Rule No. 5: Supplier Must Disclose Affiliation

Even though the UGIES and UGI Utility logos are distinct and UGIES does not use the full UGI Utility name in its advertising, UGIES includes these disclosures in its Pennsylvania advertising.

From the UGI EnergyLink website:

About UGI EnergyLink

UGI EnergyLink* is a part of UGI Energy Services, LLC., which is a wholly owned subsidiary of UGI Corporation. UGI Corporation is a Fortune 500 company that has reliably supplied and delivered natural gas and other liquid fuels locally and globally for over 126 years. *UGI EnergyLink s prices are not regulated by the Pennsylvania Public Utility Commission. UGI EnergyLink is not UGI Utilities and you are not required to buy from UGI EnergyLink in order to receive the same quality of service from your utility.

The information on this website is for informational purposes only; it is deemed accurate but not guaranteed. It does not constitute professional advice. All information is subject to change at any time without notice. Contact us for complete details.

EXHIBIT OM-4

Locate the nearest office:

Select your state

Ready to sign up today? Access my UGIES account:

Ermilope Customer log-in

1.800.427.8545

About Us Products & Services

Assets

Customer Service Market Update

Contact Us

Welcome

Welcome to UGI Energy Services. A reliable resource where you can buy natural gas, electricity and liquid fuels smarter. Invite UGIES to review your energy purchasing plan to see where we can help your business do better, just like we've done for thousands of sites since 1985.

What type of business do you manage?

- Small Business
- · Commercial Business
- Institutional
- Industrial
- Government
- · National Accounts

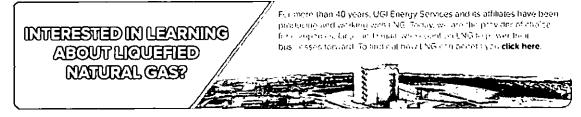
Midstream Services-Leading the Way

UGI Energy Services - Midstream Services offers a comprehensive arrangement of services and key facilities to offer producers and markets a complete package. We are a premier builder, owner and operator of strategic assets, which enable producers to transport their supply to high value markets. These assets and services also allow local distribution companies and markets to construct optimal service offerings to their wholesale and retail customers. Find out more.



Henry Hub Nat Gas May NT 1.977 • 0.065 NY Heating Oil May NT 1.2752 • 0.0605 Crude Oil LT Sweet May 41.94 4 1.58 Pim Electricity April NT 32.50 \$ 0.44 Pjm Off-peak Electricity April NT 25.35 ♦ 1.83

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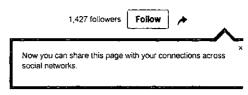
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Originally known as GASMARK, UGI Energy Services (UGIES) was one of the first marketers to sell natural gas to business users in the deregulated marketplace. In 1995, UGI Energy Services was incorporated to market natural gas, electricity and liquid fuels to approximately 30,000 business, commercial, industrial, institutional and government customers in nine eastern states as well as Washington, D.C.

UGIES operates a natural gas liquefaction, storage, and vaporization facility in Temple, PA, propane storage and propane-air mixing stations in Bethlehem, Reading, Hunlock, Creek, and White Deer, PA. and propane storage, rail transshipment terminals, and propane-air mixing stations in Steelton and Williamsport, PA.

In Hunlock Creek, PA, UGIES owns a 125-megawatt natural gas-fueled generation station. UGIES owns and operates a landfill gas-fueled electricity generation plant near Hegins, PA with gross generating capacity of 11 megawatts

UGI Corporation (NYSE:UGI), the parent company, is a global distributor and marketer of energy products and services including propane, butane, natural gas and electricity. UGI Corporation is also the parent company of UGI Utilities, an electric and natural gas utility with more than 500,000 customers, and AmeriGas Propane, the nation's largest marketer of propane gas. UGI Corporation owns three European liquefied petroleum gas companies; Antargaz, Flaga, and AvantiGas.

http://www.ugienergyservices.com

Oil & Energy

Type Public Company

Headquarters 1 Mendian Blvd Suite 2C01 Wyomissing, PA 19610 United Company Size 201-500 employees Founded 1985

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UGI Energy Services 2015 was a great year of growth for our company. We have made the list for Berks County's top 25 employers



Berks County's top 25 employers | Reading Eagle -BUSINESSWEEKLY

readingeagle.com Overall, 14 of Berks County's top 25 companies added jobs in 2015, according to numbers compiled by Business Weekly

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George Spanier, Jean Jones +11

James Spanier certainly good opportunities do exist! 3 days ago

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UGI Energy Services In the News: UGI HVAC Enterprises Inc. ("UGI HVAC"), a wholly owned subsidiary of UGI Corporation. Through one of its business units, UGI Performance Solutions, UGI HVAC provides onsite power generation solutions, like this project for the Mohegan Sun Pocono. https://inkd.in/e6EWki7

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EXHIBIT OM-5

RESA-II-4 (Prepared by David Lahoff)

Please refer to UGI Gas Tariff No. 5-S, Rules and Regulations, 10.1(7) (Original Page 144); 52 Pa. Code § 62.142(a)(7).

- a. Please indicate whether UGI has developed and implemented any rules, guidelines or procedures to assure that if the Company "provides a distribution service discount, fee waiver or rebate to its favored customers, or to the favored customers" of an affiliated NGS, it also offers "the same distribution service discount, fee waiver or rebate to other similarly situated customers." 52 Pa. Code § 62.142(a)(7).
- b. If UGI has developed such rules, guidelines or procedures referenced in a., please furnish a copy of them.
- c. If UGI has not developed such rules, guidelines or procedures, please explain how the Company assures that the same distribution service discount, fee waiver or rebate is offered to other similarly situation customers.
- d. Please provide a copy of the chronological log maintained by UGI, pursuant to this provision, showing the date, party, time and rationale for the action.

Response:

UGI treats all customers in a nondiscriminatory manner and does not favor any customers.

No Digital Attachments Found.

EXHIBIT OM-6



Rule No. 3: Pop Quiz Question 2

Q. UGIU Marketing has a line extension request from a potential XI tomer in a new industrial park. May UGIES will jet by market their services to the customer.

A. If this is a trice of the period situation (exception to rule 3) then technically yes. <u>BUT</u>, "competitive bid situation" is poorly defined by the regs, fact-dependent, and would need to be discussed with the Law Department.

EXHIBIT OM-7



Rule No. 1: Pop Quiz - Question 1

Q. A UGIU engineer gets a call from a UGIES employee asking for information on utility system infrastructure. Can she provide it?

A. It depends.

"An NGDC may not give its affiliated NGS preference over a nonaffiliated NGS in the provision of goods and services including processing requests for information..."

52 Pa. Code §62.142(a)(10)

EXHIBIT OM-8



Rule No. 2: Pop Quiz - Question 2

Q. UGIU Marketing has a request for a distribution line extension to a new industrial park. May UGIU mend UGIES as the natural gas supplier?

A. Depends of the this can be construed as falsely representing that the affiliate's services are superior. Safer not to make the recommendation.

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

Pennsylvania Public Utility Commission

v. R-2015-2518438

UGI Utilities, Inc. - Gas Division

Office of Consumer Advocate C-2016-2527150 Office of Small Business Advocate C-2016-2528559 UGI Industrial Intervenors C-2016-2529436 Joseph Sandoski C-2016-2529638

Vicki L. East C-2016-2534010

Tom Harrison C-2016-2518438

v.

UGI Utilities, Inc. - Gas Division

VERIFICATION

I, David E. Lahoff, being the Manager, Tariff & Supplier Administration of UGI Utilities, Inc., hereby state that I am sponsoring the following interrogatory responses used as exhibits in other parties' testimony in this proceeding: I&E-RS-9, I&E-RS-27, I&E-RS-90, I&E-RS-103, OCA-I-33, OCA-III-14, OCA-XIII-1, OSBA-I-2, OSBA-I-19, OSBA-I-20, UGIII-IV-3, UGIII-IV-6, UGIII-IV-7, RESA-II-1, RESA-II-4, RESA-II-8, RESA-II-12, NGS-II-21, NGS-IIII-6 and NGS-V-3. I hereby state that the aforementioned interrogatory responses are true and correct to the best of my knowledge, information, and belief.

I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 relating to unsworn falsification to authorities.

Date: 5/31/2016

David E. Lahoff

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC **UTILITY COMMISSION**

Docket No. R-2015-2518438

v.

UGI UTILITIES, INC. - GAS DIVISION

VERIFICATION

I, Orlando Magnani, President of Rand Energy Consultants, hereby state that the information set forth in my Direct Testimony, RESA Statement No. 1, is true and correct to the best of my knowledge, information and belief. I understand that the statements here are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to the unsworn falsification to authorities).

May 31, 2016

Orlando Magnani, President

Rand Energy Consultants

RESA Statement No. 1-SR

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

UGI Utilities – Gas Division

Docket No. R-2015-2518438

SURREBUTTAL TESTIMONY

OF

ORLANDO MAGNANI

May 25, 2016

- 1 Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
- 2 A. My name is Orlando (Randy) Magnani.
- 3 Q. HAVE YOUR PREVIOUSLY SUBMITTED TESTIMONY IN THIS PROCEEDING?
- 5 A. Yes. I submitted testimony which has been pre-marked as RESA St. 1. My direct testimony 6 focused on a recommendation that the present requirement of UGI Utilities, Inc.-Gas 7 Division ("UGI") for natural gas suppliers ("NGSs") to balance customers in rate schedules 8 by meter reading date or billing cycle date be modified. I also testified about the allocation 9 of Transco pipeline capacity at the UGI city gate and the unnecessarily high penalty payment 10 required for what UGI terms "intentional imbalances" of ten times the Gas Daily Index price 11 for gas. Finally, I testified about several improvements in UGI's compliance with the 12 Commission's "Code of Conduct" that in my view needed to be made.

13 O. WHAT IS THE PURPOSE OF YOUR SURREBUTTAL TESTIMONY?

- 14 A. I will respond to the testimony submitted by various UGI witnesses in response to my direct 15 testimony. I will respond to Mr. Stoyko's position on my recommendation regarding UGI's 16 present "10 times" penalty levels proposed by UGI's Tariff Rule 20.4. I will also comment on 17 Mr. Lahoff's position on my proposal that all transportation customers should either have 18 automated meter reading ("AMR") devices installed or moved to rate schedules with 19 monthly balanced rate schedules. I will respond to Ms. Borelli's position on the allocation of 20 Transco pipeline capacity at the city gate. I will also respond to the Office of Small Business 21 Advocate ("OSBA") witness Mr. Knecht's comments about the allocation of gas at the 22 Transco receipt point. Finally, I will respond to Mr. Szykman's rebuttal testimony regarding 23 UGI's compliance with PUC Code of Conduct standards.
- Q. PLEASE EXPLAIN MR. STOYKO'S POSITION REGARDING YOUR TESTIMONY THAT UGI'S
 PROPOSAL TO IMPOSE A PENALTY OF TEN TIMES THE GAS DAILY INDEX ("GDI")
 PRICE FOR IMBALANCES THAT OCCUR ON OPERATIONAL FLOW ORDER ("OFO")
 DATES IS UNNECESSARY AND UNREASONABLE.

1 A. Mr. Stoyko disputed my claim that a penalty of 1.1 times the index price is a sufficient

2 deterrent and rejected my observation that there should not be any resulting arbitrage risk.

(UGI ST. 7-R at 42). He claims that this is "simply not correct... since gas prices can and do

4 vary substantially between points."

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5 Q. IS MR. STOYKO CORRECT IN HIS OBSERVATION?

- Α. No. As I am sure Mr. Stoyko understands, in today's integrated pipeline system, geographic 7 arbitrage is essentially impossible. If there is a difference in price from one region to 8 another - that is greater than the cost of transportation to get the gas there - it would be attributable to the fact that capacity or other constraints have made it impossible to move 10 gas from other locations into the location with the higher prices. In order to accomplish arbitrage, you must be able to move gas to the capacity constrained location with the higher prices. If this weren't true then the prices for gas in the two regions would be the same. Accordingly, I reiterate my recommendation that the penalty be established at a small amount above the highest market price on UGI's system, in order to provide NGSs with the proper incentive to insure that they deliver at the levels necessary to meet their tariff obligations. As I indicated previously, deliberate arbitrage by an NGS is a no-win proposition because in addition to it being wrong, and subject to regulatory scrutiny, there is no net financial gain to the company attempting arbitrage. The only reason that an NGS would not deliver is because it simply couldn't find gas or, more likely, a scheduler made an honest mistake.
- 21 Q. TURNING TO MR, LAHOFF, HE DISAGREED WITH YOUR POSITION THAT CUSTOMERS 22 SHOULD EITHER HAVE AMR DEVICES INSTALLED OR UGI SHOULD BE REQUIRED TO MOVE TO MONTHLY BALANCING WITH CONSOLIDATED POOLS CONSISTENT WITH 23 OTHER UGI NATURAL GAS DISTRIBUTION COMPANY ("NGDC") AFFILIATES. WHY DID 24 HE DISAGREE WITH YOUR POSITION IN THIS REGARD? 25
- 26 Mr. Lahoff testified that, unlike UGI Central Penn Gas in which all customers are required to Α. 27 have AMR devices, UGI does not have this rule and thus does not have the infrastructure in

place to permit end of month balancing. He suggested that customers may not be willing to pay to have AMRs installed just for the "administrative ease" of suppliers.

3 O. DO YOU HAVE A RESPONSE TO THESE VIEWS?

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A. Yes, Mr. Lahoff has revised my testimony to say that all customers should be forced to install AMRs at their cost. My actual recommendation was that UGI should find a way to deploy AMRs to all transportation customers or, UGI should be required to move to monthly balancing with consolidated pools consistent with other UGI NGDC affiliates. Most of the customers already have AMRs installed and so could easily be balanced monthly. I am not in favor of forcing customers, especially small loads, to incur the cost of installing an AMR. UGI could institute a plan whereby it provides the equipment and installation of the AMR and recovers the cost via its Distribution System Improvement Charge ("DSIC"). I understand that at least one other natural gas distribution company (Peoples) is installing AMRs and recovering the cost through its DSIC. While I believe that recovering the cost of the AMRs as a system asset is justifiable because of the improvements in reliability and billing accuracy if this approach is not adopted and the customer declines to incur the cost of installation, then the customer should be placed on a monthly balanced rate schedule. The current pooling requirements are increasing costs for both suppliers and customers and reducing billing accuracy and reliability.

Q. TURNING TO THE TESTIMONY OF MS. BORELLI, SHE REJECTED YOUR RECOMMENDATION THAT UGI SHOULD ALLOCATE CITY GATE CAPACITY FROM TRANSCO ON A PRO RATA BASIS. CAN YOU COMMENT?

Yes. Ms. Borelli asserts that such pro rata allocation for Transco is not appropriate because, apart from a non-contiguous segment of UGI Gas's distribution system, Transco is not a major source of supply into UGI Gas's distribution system. In that non-contiguous segment, four transportation customers are permitted to schedule delivers at UGI Gas's Transco city gates. Ms. Borelli states that depriving NGSs' large customers of Transco gas is necessary

1		because otherwise NGSs would be allocated Transco gas even if their customers were not in
2		an area that is served by Transco gas. I do not accept this argument. Transco gas is
3		delivered to UGI's system and used by UGI customers . Currently the portion of Transco
4		gas utilized by non-choice customers is delivered entirely by UGI and consumed by
5		customers on the UGI system. If NGSs delivered their pro-rata share of Transco gas to
6		customers, then UGI would deliver less Transco gas to its supply customers. The system as
7		a whole would still receive the maximum amount of Transco gas every day. The fact that
8		NGSs nominate the gas instead of UGI has no bearing on the physical operation of the
9		system.
10 11 12 13	Q.	MR. KNECHT, FOR OSBA, ALSO PRESENTED TESTIMONY OPPOSING YOUR REQUEST REGARDING TRANSCO CAPACITY. HE STATED (OSBA ST. 2 AT 18) THAT RESA IS ASKING FOR UGI GAS TO "ALLOCATE SOME OF ITS UPSTREAM TRANSCO CAPACITY TO NON-CHOICE NGSS." IS HIS CHARACTERIZATION CORRECT?
14	A.	No. My explanation of the problem in my direct testimony must not have been clear. My
15		proposal was not to force UGI to assign to NGSs a portion of Transco capacity that it has
16		obtained to serve supplier of last resort customers. NGSs will purchase their own upstream
17		capacity on Transco. The problem is that UGI will not allocate gate space to get the gas
18		delivered by Transco into the UGI's distribution system. NGSs are looking for the right to
19		deliver Transco gas utilizing their own Transco capacity - not UGI's.
20 21 22 23 24	Q.	FINALLY, IN YOUR DIRECT, YOU PRESENTED SEVERAL AREAS OF CONCERN REGARDING UGI GAS'S COMPLIANCE WITH THE COMMISSION'S CODE OF CONDUCT. YOU MADE SEVERAL SPECIFIC RECOMMENDATIONS AND ALSO CALLED ON THE COMMISSION TO CONDUCT A MORE DETAILED AUDIT OF UGI'S COMPLIANCE AFTER THE CONCLUSION OF THIS RATE CASE. HOW DID THE COMPANY RESPOND?
25	A.	Mr. Szykman on behalf of UGI claimed that requesting a management audit of code of
26		conduct issues is not appropriate in a base rate case. He went on to simply characterize my

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testimony as presenting "merely hypothetical scenarios."

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Q. DO YOU HAVE A RESPONSE?

Yes. I certainly understand that these issues may not seem important to Mr. Szykman in the midst of a large base rate proceeding, but I would respectfully point out that these "rules of the road" are crucial if all participants on the UGI system are going to be able to operate their business fairly. At the end of the day, if UGI is giving NGS affiliates an unfair advantage in competing for customers, the results will be higher prices and reduced levels of service for end user customers. For that reason, it is extremely important that the Commission fully explore UGI's approach to adhering to these important rules.

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A.

Q. WHAT ABOUT MR. SZYKMAN'S CLAIM THAT ORDERING A MANAGEMENT AUDIT OF UGI'S CODE OF CONDUCT COMPLIANCE IS NOT APPROPRIATE ACTION IN A BASE RATE CASE?

I disagree. The Code of Conduct is actually part of UGI's existing Tariff (UGI Gas Utilities, Inc. Gas-Pa.P.U.C. No. 5-S, Original Pages 144-147)). I am informed that when the Commission ordered this investigation into UGI's proposed rate increase it also ordered an investigation into UGI's existing tariff and rates.¹ Accordingly I believe that investigating how UGI has complied with these tariff requirements is appropriately included in this investigation. My recommendation for a management audit on these issues, in addition to the specific recommendations that I made in my direct testimony, was in recognition that in the short time period available it would be difficult for UGI to fully show that it is indeed in compliance with all of these requirements. I felt that this call for a subsequent in-depth review was more reasonable than simply concluding that UGI had not met its burden of proving that it was fully compliant with these requirements and taking adverse action on that basis.

Pa. PUC v. UGI Utilities, Inc., Docket No. R-2015-2518438 (Order entered February 11, 2016).

- 1 Q. DOES THIS COMPLETE YOUR SURREBUTTAL TESTIMONY?
- 2 A. Yes. It does.

BEFORE THE PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC **UTILITY COMMISSION**

Docket No. R-2015-2518438

٧.

UGI UTILITIES, INC. - GAS DIVISION

VERIFICATION

I, Orlando Magnani, President of Rand Energy Consultants, hereby state that the information set forth in my Surrebuttal Testimony, RESA Statement No. 1-SR, is true and correct to the best of my knowledge, information and belief. I understand that the statements here are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to the unsworn falsification to authorities).

May 31, 2016

Orlando Magnani, President

Rand Energy Consultants