# BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

) Case No. 12-2637-GA-EXM
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DY MAGNANI ON PORATION

#### **Direct Testimony of Randy Magnani**

- 2 Q. Please state your full name and business address.
- 3 A. My name is Orlando (Randy) Magnani. My business address is One Hess Plaza,
- 4 Woodbridge, NJ 07095.
- 5 Q. By whom are you employed and in what capacity?
- 6 A. I am employed by Hess Corporation ("Hess") as Director of Natural Gas Operations.
- 7 Q. On whose behalf are you testifying?
- 8 A. Hess.

- 9 Q. What are Hess' energy marketing business interests in Ohio?
- 10 A. Hess is a competitive natural gas and electric supplier that operates throughout the East
- 11 Coast and Midwest. More specifically, Hess is a licensed natural gas supplier that provides
- supply services to over 9,100 commercial and industrial ("C&I") customers in 21 states,
- including in the Columbia Gas of Ohio ("COH") service territory. In the last few weeks, Hess
- has closed a deal to acquire the energy marketing business of Delta Energy, LLC ("Delta"). The
- 15 Delta acquisition includes numerous natural gas supply contracts throughout Ohio, including
- many behind COH. Additionally, as a result of the Delta acquisition, Hess plans to open a
- 17 regional office in Dublin, Ohio in mid-December 2012. As you can see, Hess has made
- 18 significant investment to expand its energy marketing capabilities and to be able to serve
- 19 customers throughout the Midwest, including Ohio.
- 20 Q. What are Hess Small Business Services, LLC's energy marketing business interests
- 21 in Ohio?
- 22 A. Hess Small Business Services, LLC ("HSBS"), a wholly-owned subsidiary of Hess, is a
- 23 separately licensed competitive retail natural gas supplier ("CRNGS") in Ohio that specifically

- 1 focuses on marketing energy supply services to small commercial customers. As part of the
- 2 Delta acquisition, HSBS acquired numerous Choice contracts throughout the Dominion East
- 3 Ohio ("DEO") and COH service territories.

#### 4 Q. What are your duties as Hess' Director of Natural Gas Operations?

- 5 A. As Director of Natural Gas Operations, I oversee all of Hess' natural gas marketing
- 6 operations (including forecasting, scheduling, pricing, and regulatory activities) involving the
- 7 natural gas local distribution companies ("LDCs") in Hess' energy marketing footprint. I am
- 8 responsible for overseeing Hess' six regional operations offices which have the local day-to-day
- 9 duties for natural gas operations within their specific geographic regions. Currently, Hess
- operates behind over 60 LDCs. Additionally, while at Hess, I participated in the DEO and COH
- stakeholder collaboratives aimed at developing and implementing their standard service offer
- 12 ("SSO") and standard choice offer ("SCO") auction programs.

### 13 Q. What is your educational background?

- 14 A. I obtained a Bachelor of Engineering in Chemical Engineering from Manhattan College
- in 1970.

#### 16 Q. What is your professional background?

- 17 A. Prior to taking on my current role as Director of Natural Gas Operations in 2001, I was a
- 18 Principal with Navigant Consulting performing various consulting services primarily related to
- 19 LDC issues from 1998-2001. From 1996 to 1998, I was President and Chief Operating Officer
- 20 for KeySpan Energy Services, Inc. ("KeySpan"). At KeySpan, I had general supervisory
- 21 responsibility for its gas marketing business. In the infant stages of retail gas restructuring,
- 22 KeySpan emerged as one of the first small commercial gas marketers in the country. Among
- other territories, KeySpan served residential and small commercial customers in COH. From

<sup>&</sup>lt;sup>1</sup> At the time, KeySpan was a wholly-owned subsidiary of The Brooklyn Union Gas Company.

- 1 1971 through 1996, I held several roles at The Brooklyn Union Gas Company ("Brooklyn
- 2 Union"), the local LDC in Brooklyn, New York. I served as Manager of Gas Operations where I
- 3 was responsible for the operation and maintenance of the company's LNG plant and high
- 4 pressure transmission system, as well as all scheduling activities on interstate gas pipelines.
- 5 Additionally, I served as Brooklyn Union's Manager of Rates and Gas Supply where I was
- 6 responsible for cost allocation and rate design of utility rates, state and federal regulatory affairs,
- 7 and gas supply planning and contract negotiation and administration.
- 8 My resume is attached hereto as Exhibit OM -1.

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# 9 Q. Have you previously testified before the Public Utilities Commission of Ohio 10 ("Commission")?

A. No, however, I have presented written and oral testimony before multiple public utility commissions ("PUCs") in my time at Hess and in my previous roles at Navigant, KeySpan and Brooklyn Union, including the New York Public Service Commission, Pennsylvania Public Utility Commission, Maryland Public Service Commission, Missouri Public Service Commission, Massachusetts Department of Public Utilities (formerly, the Department of Telecommunications and Energy), Rhode Island Public Service Commission and the Federal Energy Regulatory Commission. I have testified at PUCs on a variety of competitive natural gas issues, including gas transportation program design and wholesale asset management agreements. As you can see from my previous answers, I have over 42 years of experience working for competitive natural gas suppliers, a natural gas consultant, and an LDC. I am very familiar with traditional LDC default service procurement, SCO auction programs, and Choice programs. I have a detailed knowledge of the various program criteria that are necessary for a

1 natural gas supplier to effectively market natural gas supply services to all classes of retail

2 customers.

#### 3 Q. What is the purpose of your testimony?

4 A. On October 4, 2012, COH, the Staff of the Commission ("Staff"), the Ohio Gas

5 Marketers Group ("OGMG"), the Retail Energy Supply Association ("RESA"), and Dominion

6 Retail, Inc. submitted a Joint Stipulation and Recommendation ("Original Stipulation") in this

proceeding requesting the Commission's approval of several modifications to COH's current

8 SCO auction program design established in the Commission's December 2, 2009 Opinion and

9 Order and the September 7, 2011 Second Opinion and Order in Case No. 08-1344-GA-EXM (the

10 "Exemption Orders"). On November 27, 2012, The Office of the Ohio Consumers' Counsel

("OCC") joined the Original Stipulation and the parties filed an Amended Stipulation and

Recommendation ("Amended Stipulation"). My testimony specifically addresses Hess' position

on the following elements of the Stipulation:

1. <u>Non-Residential Exit Framework</u>. The Amended Stipulation provides that if non-residential customer participation in the COH Choice program meets or exceeds 70% of Choice-eligible, non-residential customers for three consecutive months, then COH will exit the merchant function with regard to non-residential customers effective the first April 1 that follows.<sup>2</sup>

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2. Residential Exit Framework. The Amended Stipulation provides that if residential customer participation in the COH Choice program meets or exceeds 70% of Choice-eligible, residential customers for three consecutive months, then COH may file an application with the Commission to exit the merchant function for all Choice-eligible residential customers on the first April that is at least twenty-two (22) months after COH exits the merchant function with regard to non-residential customers. COH and the OGMG will prepare testimony supporting that final exit-the-merchant-function application.<sup>3</sup>

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3. <u>Monthly Variable Rate Allocation</u>. The Amended Stipulation provides that upon exit from the merchant function for either Choice-eligible, non-residential customers or residential customers, COH will no longer provide default commodity service for that

<sup>&</sup>lt;sup>2</sup> Amended Stipulation, at 9.

<sup>&</sup>lt;sup>3</sup> *Id.* at 10-11.

subset of Choice-eligible customers. Instead, those Choice-eligible customers that do not enroll with a supplier will be assigned a supplier, pursuant to COH's monthly variable rate ("MVR") program.<sup>4</sup>

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4. <u>SCO Supplier Cash Security Charge</u>. The Amended Stipulation provides that in addition to the currently-required Letter of Credit, winning SCO suppliers will be required to provide COH with a new \$0.06 per Mcf cash "deposit." This \$0.06 per Mcf charge is purportedly to offset COH's potential default expenses. Should any funds be remaining at the end of the SCO program year, the balance will be credited to the Choice/SCO Reconciliation Rider ("CSRR") commencing the next year.<sup>5</sup>

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#### Q. Briefly summarize Hess' position on these four issues.

- 13 A. Hess' urges the Commission to:
  - 1. approve the Non-Residential Exit Framework;
- 15 2. reject the Residential Exit Framework;
- approve an MVR allocation methodology for non-residential customers that incorporates SCO tranche ownership; and
  - 4. reject the Stipulation's proposed \$0.06 per Mcf SCO security charge.

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#### Q. How does COH currently procure default commodity service for non-shopping

#### **Choice-eligible customers?**

Beginning in April 2012, COH has employed an SCO auction model where COH 22 A. 23 conducts (through a third-party vendor) a descending clock auction whereby CRNGSs can compete to supply one or more shares (up to a maximum of four shares) for COH's combined 24 SCO customers' demand. COH's forecasted demand is divided as equally as possible into 16 25 26 tranches with one tranche equal to approximately 5 Bcf per year of gas supply. Bidding 27 suppliers bid a Retail Price Adjustment which will be added to the NYMEX final settlement price each month during the SCO year to determine the monthly SCO price. Winning suppliers 28 29 are assigned the responsibility to supply individual SCO customers in their assigned tranche(s) for the course of the SCO year (April 1 through March 31). The SCO price each month is the 30

<sup>&</sup>lt;sup>4</sup> *Id.* at 12-14.

<sup>&</sup>lt;sup>5</sup> *Id.* at 4.

- 1 NYMEX final settlement price for the month plus the Retail Price Adjustment determined by the
- 2 SCO auction as a price per Mcf.
- Before the SCO auction program, COH employed an SSO auction program beginning in
- 4 2010 that operated much in the same way as the SCO process except that the SCO process (1)
- 5 allows winning bidders to be assigned individual customers (as opposed to the SSO's allocated
- 6 percentage of sales customers' demand); and (2) SCO customers are subject to sales tax as
- 7 opposed to gross receipts tax on the gas purchased through the SCO program.
- 8 Q. Has Hess won any tranches in COH's SCO and SSO auctions?
- 9 A. Yes. Hess won tranches in COH's 2010-2011 SSO auction and its 2012-2013 SCO
- 10 auction.
- 11 Q. Are you in favor of the Amended Stipulation's proposal to end the SCO option for
- 12 non-residential customers once 70% of Choice-eligible, non-residential customers are
- 13 shopping?
- 14 A. Yes. The Amended Stipulation calls for the end of the SCO auction for Choice-eligible,
- 15 non-residential customers once 70% of these customers are taking natural gas supply directly
- from a retail supplier. I am in favor of this proposal. In my experience, commercial customers
- 17 have a more sophisticated understanding of their energy consumption needs than residential
- customers and tend to be more motivated, for business reasons, to achieve price certainty or price
- 19 stability for their energy costs. Additionally, commercial customers have usage levels that are
- large enough to take advantage of retail suppliers' more complex supply-side products that are
- specifically tailored to a customer's usage profile and risk tolerance, including, but not limited
- 22 to, fixed price, index-following, and index with cap offerings. In contrast, the SCO offering is
- only a monthly variable product. In regards to the non-shopping, non-residential customers that

- are assigned to MVR suppliers at the time of exit, these customers have a better understanding of
- 2 the gas market to evaluate multiple supply offerings and to make an informed decision that best
- 3 fits their budgetary needs, risk tolerance and usage profile. For these reasons, Hess supports the
- 4 Amended Stipulation's non-residential exit framework.
- 5 Q. Should the 70% trigger be met, which methodology do you support to assign the
- 6 remaining pool of non-shopping, non-residential customers?
- 7 A. It is my understanding that (1) the Amended Stipulation calls for an allocation to MVR
- 8 suppliers, but does not delineate precisely how to assign the remaining pool of non-shopping,
- 9 non-residential customers once the 70% exit trigger is met; and (2) the Commission plans to
- 10 resolve the MVR assignment methodology in this proceeding.<sup>6</sup> Hess endorses an MVR
- assignment methodology that is based on each supplier's proportional market share at the time of
- exit, including a supplier's average historical SSO and SCO tranche ownership.

Hess proposes a proportional allocation ratio that is equal to the number of Choice-

eligible customers being served by the supplier, including the average percentage of customers

served under the SSO and SCO auctions, divided by the total number of Choice-eligible

customers (both shopping and non-shopping). To determine the number of SSO/SCO tranche

customers to be assigned, Hess recommends taking the average number of tranches served by

each supplier since the first SSO auction in 2010 through the SCO auction at the time of non-

residential exit. I have prepared an illustrative example of how Hess' proposed SSO/SCO

tranche customer assignment methodology would work and attached it hereto as Exhibit OM-2.

Hess' proposed MVR assignment methodology strikes the appropriate balance between

properly recognizing each supplier's contribution and investment in reaching the 70% exit

trigger, while continuing to incent all suppliers (retail and SCO) to offer customers competitive

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<sup>&</sup>lt;sup>6</sup> Amended Stipulation at 6-10.

1	products. Incorporating historical SCO tranche ownership is critical because the SCO auction
2	has been the primary tool in transitioning from LDC-procured default service to providing a
3	market-based benchmark price that Choice customers can use as a means of comparison. No
4	surprisingly, SCO suppliers, like Hess, have had to make and must continue to make
5	considerable investments in their "back-office" resources (traders, market analysts, customer
6	enrollment personnel and IT systems) to stay competitive in the SCO market. Adopting an MVR
7	assignment methodology that incorporates SCO tranche ownership is necessary to continue to
8	incent investment in the SCO market. Otherwise, if the Commission does not recognize SCO
9	tranche ownership, the Commission will be dissuading SCO suppliers from continuing to make
10	the long-term investments to improve their probability of success in future SCO auctions.
11	Competitive market principles would dictate that this investment disincentive will increase prices
12	to SCO customers.

Q. Are you in favor of the Amended Stipulation's framework that could end the SCO option for residential customers once 70% of Choice-eligible, residential customers are shopping?

- A. No, I am not. Hess understands that (i) given current shopping statistics, it could take several years to reach the residential exit trigger;<sup>7</sup> and (ii) the Amended Stipulation provides that COH may file an application to exit and is not calling for an automatic exit like the Stipulation does for non-residential customers. However, Hess still recommends that the Commission reject the Amended Stipulation's residential exit framework because the Commission would be:
- 21 (i) Creating regulatory uncertainty in the SCO and retail markets, which will lead to 22 higher prices for residential customers;

<sup>&</sup>lt;sup>7</sup> Though with only one or two large municipal aggregations, the residential (along with non-residential) shopping statistics could increase dramatically.

- (ii) Removing the lowest-cost benchmark price, which provides extremely valuable transparency for residential customers; and
- (iii) Subjecting numerous SCO residential customers to higher prices without their consent, which is inconsistent with prevailing Ohio policy and not in the public interest.

## Q. What are the critical differences that warrant different treatment for the residential

#### sector?

A. First, while price motivates all customers, in my experience, most residential customers are particularly focused on obtaining the lowest price. Unlike commercial customers which have usage profiles and business interests that make fixed price and "index and cap" offerings attractive, residential customers are not as motivated by obtaining price certainty as they are as getting the lowest price. Residential customers traditionally have been on a variable product and are comfortable with any volatility that comes with taking this supply offering. As I will explain in more detail below, competitive market dynamics result in the SCO auction price being the lowest-cost alternative for residential customers.

Second, Hess opposes any framework where COH could exit the merchant function for residential customers once a 70% shopping level has been met. Simply put, the 70% shopping threshold trigger is too low. Using the Choice enrollment data maintained on the Commission's website (Exhibit OMG – 3), in our estimation, at 70% shopping levels, over 364,000 customers would still be on SCO service. Pursuant to the Amended Stipulation, if an exit was approved, all of these customers would be assigned to retail suppliers at their suppliers' respective MVR rates, i.e., the customers would have a contractual relationship with the supplier assigned. Competitive market dynamics dictate that these assigned customers will be subject to a higher supply rate (as the SCO price will be lower than any retail supplier's MVR rate). Moreover, beyond transferring an enormous amount of customers to a higher rate without these customers' consent.

the Commission would no longer have any regulatory oversight of gas supply prices for Choice

2 customers.

#### Q. Are there benefits to having the SCO auction continue for residential customers

4 even at shopping levels of 70%?

A. Yes. The SCO auction is a proven benchmark from which residential customers (and the Commission) can vet suppliers' offerings. In fact, SCO service has proved to be the lowest-cost option for residential customers. As shown in COH's response to the Office of Consumers' Counsel Request for Production of Documents No. 65 (Exhibit OM – 4), since the initiation of the SSO in April 2010, COH's Shadow Bill data demonstrates that, on a monthly basis, Choice customers (in the aggregate) paid more than \$300 million over the SSO/SCO price. During that time period, it is my understanding that there was not one month where Choice customers (in the aggregate) paid less than the SCO price. The SCO's low price is intuitive given the fact that when COH aggregates the large number of Choice customers that have elected SCO service, the suppliers bid on the fixed basis component at a wholesale level. It is extraordinarily difficult for retail suppliers to compete against the SCO price on a straight cost basis because the SCO program allows suppliers to bid on a huge pool of customers at one time and optimize upstream assets for that large, quantifiable group of customers..

Besides representing the lowest-cost alternative for residential customers, the SCO provides transparency throughout the competitive market place for the residential customers to evaluate various supply offerings. Without the SCO, retail competition can still be robust, but it will be at a higher price than it would with the SCO in place.

Opponents will dispute this fact by arguing that, by eliminating the SCO, the Commission would simply be removing one of over 50 retail suppliers from the market -- hardly

a "game changer" for the retail market place. However, the SCO auction is not just one of many similarly-situated suppliers in the market; it is *the* lowest-cost alternative for residential customers who wish to take service under a monthly variable rate (and the supply option with which they are most familiar).

The OGMG and RESA ("Residential Suppliers") also argue that by taking SCO service and not taking service from a retail supplier, an SCO customer is not engaged in the retail natural gas market. Residential Suppliers' witness Parisi states in his initial testimony (pages 6-8) that "inactivity" or "passivity" (as the Residential Suppliers put it) is inconsistent with the State's policy to build a framework where retail customers "can elect the products that meet their respective needs." I completely disagree with that proposition. The Commission has made significant efforts to develop a framework in COH where customers can elect their natural gas suppliers. COH's competitive retail market provides a multitude of options for retail customers to consider, including the SCO option, a competitively-derived monthly variable rate product.

One cannot reasonably argue that a customer that has elected to stay on the lowest-cost alternative is not engaged in the market. Rather, those customers are simply taking advantage of the choices that the market has afforded them in selecting their natural gas supplier. In the case of SCO customers, they have made the decision to stay on a monthly variable rate that is uncomplicated and stable, and consistently the lowest-cost alternative. I fail to see how such a common-sense decision demonstrates "disengagement" and "ambivalence," using the words of Residential Suppliers' witness Parisi (at page 6). At the end of the day, COH residential customers should not be punished by having the lowest-cost alternative removed from the market simply because certain residential retail suppliers are frustrated that they cannot compete with the SCO price on a cost basis.

1 Q. How do you respond to the argument that the SCO program should be eliminated

2 because, while the SCO auction program has resulted in prices significantly lower than

retail suppliers' offerings to date, the SCO price could become much higher at any given

4 moment to the detriment of SCO customers?

A. Given the nature of the SCO price (fixed basis plus NYMEX price of gas), it is true that the SCO price could swing during the course of the SCO year. Accordingly, if a customer highly values price certainty to hedge against the potential swings in the gas market, then moving off of SCO service to a retail supplier's fixed-price offering makes sense. However, an argument that that the SCO should be eliminated due to the potential for large intra-year price swings is faulty in two respects. First, the potential for intra-year volatility exists for residential suppliers' MVR rates just as it does for the SCO price. Second, the argument obviously hinges on the gas commodity market suffering from high volatility. I am very confident that Ohio gas customers will not experience high gas volatility in the near to intermediate future. Given the current unprecedented high levels of domestic natural gas supply in the region, especially in Ohio with increasingly more shale gas coming on-line every day, I cannot envision high volatility in the gas commodity market for several years, possibly several decades to come. Thus, if a customer is primarily motivated by price, common wisdom suggests that the customer should take SCO service.

Of course, if I am wrong and there is severe gas price volatility in the future, SCO customers are always free to leave SCO service and contract directly with a retail supplier. SCO suppliers have always been subject to migration risk and I am, by no means, recommending that retail suppliers be shut off from marketing directly to residential customers. Rather, I am simply noting that there is very little risk that the commodity market will swing severely to the detriment

- of SCO customers in the near to intermediate future. Any argument for eliminating the SCO
- 2 program that rests on the potential for high price volatility in the gas commodity market belies
- 3 market realities and should be disregarded.

#### 4 Q. Is assigning COH residential customers to MVR suppliers once the 70% trigger has

#### 5 been satisfied consistent with Ohio policy?

A. No, I do not believe so. At some point, where there is advanced shopping, it becomes inefficient from a cost perspective for an LDC to continue to operate and SCO suppliers to continue to participate in an SCO auction program. For instance, in DEO, where there is already extensive shopping among Choice-eligible customers, <sup>8</sup> it is likely more cost-effective to assign the remaining non-shopping customers to MVR suppliers. Hess supports the DEO stipulation currently before the Commission where DEO has proposed to exit the merchant function for non-residential customers in April 2013 and to continue to evaluate whether it is efficient to exit the merchant function for residential customers (but not before April 2015). However, there are

some key differences in the DEO and COH shopping statistics and exit-the-merchant-function

As I pointed out above, DEO is experiencing much higher levels of shopping than COH is currently experiencing. It is my understanding that recent statistics show DEO's shopping is at over 80% for non-residential customers and 84% for residential customers. In COH, the current shopping statistics are much more modest with 48% for non-residential customers and 37% for residential customers. Unlike DEO, where, at the time of exit, there will be a relatively small amount of customers being assigned to MVR suppliers, if COH exits at the residential 70% shopping trigger, over 364,000 customers will be assigned to MVR suppliers.

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stipulations.

<sup>&</sup>lt;sup>8</sup> See Exhibit OM – 3.

<sup>&</sup>lt;sup>9</sup> See id.

Counsel advises that Section 4929.02(A)(7) of the Ohio Revised Code provides that:

It is the policy of this state to, throughout the state:

Promote an expeditious transition to the provision of natural gas services and goods in a manner that *achieves effective competition* and transactions between *willing buyers and willing sellers* to reduce or eliminate the need for regulation of natural gas services and goods under Chapters 4905. and 4909. of the Revised Code. (emphasis added)

Counsel advises that this subsection sets the state policy of transitioning from traditional, LDC-procured default service to a framework that procures gas supply from the competitive market place. In my view, "willing buyers" requires an affirmative decision by customers to select their competitive retail suppliers. If the Commission orders the residential exit at 70% shopping, COH would be assigning over 364,000 customers to MVR suppliers without their consent. Additionally, as explained above, these assigned customers will be subjected to a higher rate than they were receiving under SCO service. An assignment of this magnitude fails to satisfy Ohio's "willing buyer" policy. Thus, the Amended Stipulation's proposed residential exit framework contravenes prevailing state policy.

- Q. Do you think the SCO auction promotes a transition to the provision of natural gas services and goods in a manner that achieves effective competition?
- A. Absolutely. LDCs do not have the same incentive to keep their commodity costs and gas procurement costs down as competitive suppliers do since LDCs have established cost recovery mechanisms that are obviously not available to competitive suppliers. The SCO program, in contrast, is set in the competitive market place where SCO suppliers must be extremely efficient and there is downward pressure on margins. As I explained above, COH's SCO program allows suppliers to compete at the wholesale level and annually produces a reliable, lowest-cost alternative for residential customers that prefer taking a variable rate. With this outcome, the

- SCO program is a proven, reliable, and cost-effective tool to transition the merchant function
- 2 responsibilities from COH to the competitive market place. As such, COH's SCO program
- 3 clearly fulfills Ohio policy to achieve effective competition for gas supply procurement.
- 4 Q. How do you respond to the argument that the Amended Stipulation does not call for
- 5 an automatic exit and only provides that COH may file an application where the
- 6 Commission could make a final decision on the residential exit?

- A. I understand the Amended Stipulation's provision; however, I believe a Commission order approving this framework will severely undermine the SCO and retail markets and unnecessarily increase residential customers' prices. At first glance, it seems that COH could be several years removed from reaching the 70% trigger for residential customers. However, if one or two large municipal aggregations occur in the COH service territory, the shopping statistics could change dramatically in a very short timeframe. If the Commission approves the Amended Stipulation's residential exit framework, most participating SCO bidders will infer that the Commission considers 70% a reasonable level at which to terminate SCO service. The Commission will be creating a great deal of regulatory uncertainty in the SCO market. SCO bidders will not be incented to continue to make long-term investments if there is the potential that the SCO program could be discontinued at any moment. As a result, SCO prices will increase without the proper long-term incentives in place.
  - But, the negative impacts of the proposed framework are not isolated to the SCO market as it will also introduce regulatory uncertainty and open the door for inefficiencies in the retail market. With the potential elimination of the SCO program, retail suppliers will be incented to make investments that they otherwise would not make. For instance, if an MVR assignment methodology is predicated on some form of proportional market share at the time of exit, retail

suppliers will be highly motivated to increase their shopping market shares to increase the number of non-shopping customers that they are assigned at exit. This incentive could lead suppliers to invest significantly more resources into marketing efforts. However, if residential shopping reaches 70%, but the Commission postpones COH's residential exit, those investments by retail suppliers will have been for naught. As a result, retail suppliers will be forced to increase retail prices to offset the financial losses stemming from their uneconomic over-investment in the market.

Given the potential that the Commission's approval will lead to an increase in residential prices across the board, I do not believe the proposed residential exit framework is in the public interest. The Commission should indicate that 70% is not an acceptable threshold to trigger an exit from the merchant function and the elimination of the SCO program.

## 12 Q. Do the Amended Stipulation's revisions change your opinion on this issue?

A. No. I understand that the Amended Stipulation only provides that COH may file a residential exit application once the thresholds are met and increases the time period before which COH may file a residential exit application. However, if the Commission approves the Amended Stipulation's residential exit framework, it would still be creating regulatory uncertainty in both the SCO and retail markets because the Commission would be sending a signal that 70% shopping is a reasonable level at which to terminate SCO service for residential customers. As I have explained above, such a signal from the Commission will result in an increase in SCO and retail prices.

# Q. Do you oppose retail competitive suppliers continuing to make offers to residential

#### 22 customers?

- No, not at all. Hess fully endorses the continuation of the residential retail market. 1 A.
- Suppliers should continue to be able to market various fixed- and variable-priced supply 2
- offerings to residential customers. However, Hess opposes the proposed residential exit 3
- framework because it (i) could lead to the elimination of the lowest-cost alternative for 4
- residential customers at too low of shopping levels; (ii) removes a reliable, market-based 5
- benchmark that provides transparency for residential customers; (iii) creates regulatory 6
- uncertainty in the SCO and retail markets; and (iv) unilaterally assigns hundreds of thousands of 7
- non-shopping customers to MVR suppliers without their consent at a higher monthly variable 8
- 9 rate.
- Can you please describe the Amended Stipulation's new \$0.06 per Mcf charge to 10 Q.
- 11 SCO suppliers?
- In addition to the current Letter of Credit requirements for a winning SCO supplier to 12 A.
- serve SCO tranches, the Amended Stipulation calls for SCO suppliers to provide a cash 13
- "deposit" of \$0.06 per Mcf as security. 10 The Amended Stipulation explains that the "security 14
- will provide a liquid account to meet supply default expenses incurred by Columbia other than 15
- compensation to the non-defaulting SCO Suppliers."11 The Amended Stipulation goes on to 16
- explain that "[a]ny funds remaining at the end of each Program Year will be transferred to the 17
- CSRR commencing June 2014, for the 2013 Program Year." The cash deposit is not charged 18
- 19 to Choice suppliers.
- 20 0. Do you oppose the proposed \$0.06 per Mcf charge to SCO suppliers?
- Yes. First, COH has provided no evidence that an additional safeguard, beyond the 21 A.
- current requirements, is necessary to protect customers in the event of an SCO supplier default. 22

Stipulation at 4. *Id.* 

In response to Hess' discovery requests attached in Exhibit OM - 5, COH confirms that it has never had an SCO or SSO supplier default to date, nor have there been any SCO supplier defaults in any of the other Ohio LDC's SCO programs. Moreover, according to the Program Outline filed in this proceeding, COH conducts pre-auction credit evaluations of all SCO bidders, and retains the right to make alternative credit arrangements with an SCO supplier should COH deem it necessary (including requiring a guarantee, irrevocable letter of credit or a refundable cash deposit in appropriate circumstances) and to investigate an SCO supplier's creditworthiness during the SCO year if it believes that it has deteriorated. These stringent requirements are more than adequate to protect COH against default, especially considering there has been no SSO or SCO supplier default in Ohio to date.

Second, the \$0.06 per Mcf charge is not a "deposit" as the Amended Stipulation suggests. Simply put, it is a tax on SCO suppliers. The Amended Stipulation provides that remaining funds will be transferred to the CSRR the following year. The CSRR is a rider that is charged to all Choice/SCO customers. Thus, any remaining funds from the SCO security charge will not revert back to the non-defaulting SCO suppliers, but, instead will be credited to all Choice/SCO customers. Assuming there is no SCO default, if SCO suppliers cannot recover the SCO security charge that they submitted to COH, the charge cannot be termed a "deposit." In actuality, the SCO security charge is a tax on SCO suppliers.

Third, the Residential Suppliers argue that the SCO security charge was included in the Stipulation to offset the alleged cross-subsidization by shopping customers of the costs associated with the provision of SCO service. More specifically, Residential Suppliers witness Parisi (at pages 19-20 of his initial testimony) argues that the new SCO security charge is designed to recover the default customer costs of "education, surveys, and other IT programming

1 needed to ensure continued default service." Additionally, Residential Suppliers witness

Ringenbach (at page 4 of her testimony) argues that the SCO security charge is actually assessed

3 to cover the costs of the SCO auctions.

However, the Residential Suppliers conveniently ignore the subsidies they will receive through COH's commitment to expend millions of dollars to expand the retail Choice markets to the direct benefit of the Residential Suppliers, including enhanced billing options, expanded rate and bill code capabilities, and rolling enrollment capabilities, as confirmed by the Amended Stipulation.<sup>13</sup>

There is absolutely nothing in the Amended Stipulation or COH's testimony that even alludes to the notion that the SCO security charge was designed to recover SCO costs incurred by COH. Neither COH nor the Residential Suppliers have provided evidence (i) that a cross-subsidization is occurring; (ii) on the categories of any incremental costs (with supporting backup) associated with the SCO program; and (iii) to demonstrate that the \$0.06 per Mcf fee is specifically tailored to recover any incremental costs incurred by COH. Using the current SCO volumes, the \$0.06 per Mcf charge would generate \$4.8 million annually. Without question, COH's costs to run the SCO auction pale in comparison to the \$4.8 million that would be collected from SCO customers if the SCO security charge was approved. Since there is no credible evidence in the record to substantiate their claims, the Commission should completely disregard the Residential Suppliers' argument that the SCO security charge should be implemented to offset alleged "subsidies" afforded to SCO customers.

### Q. What impact will the SCO security charge have on the COH market?

A. The SCO security charge is nothing more than an administrative mechanism designed to artificially bolster the competitive position of retail suppliers compared with the SCO price. If

<sup>&</sup>lt;sup>13</sup> Amended Stipulation at 16 and Attachment 1.

approved, SCO suppliers will have to build this \$0.06 per Mcf charge into their SCO bids each year because they will be unable to recover it at the end of the program year. Retail suppliers, on the other hand, will not be assessed this charge and will not need to account for the charge in their offers to Choice customers. Such a construct would make retail suppliers' offers more competitive to Choice-eligible customers.

Further, since SCO suppliers will be forced to increase their SCO bids by \$0.06 per Mcf, the proposed SCO security charge will penalize SCO customers by subjecting them to higher prices. Even though SCO customers will be paying all costs associated with the SCO security charge (via the SCO clearing price), the unused funds will be returned to all customers (*i.e.*, SCO and Choice customers). Thus, only a portion of the unused funds will be returning to SCO customers. As a result, SCO customers will be inappropriately subjected to unequal treatment compared to shopping retail customers.

Even though the Amended Stipulation reduces the SCO security charge by 40% compared to the SCO security charge proposed in the Original Stipulation, the mere existence of the charge violates the most fundamental of competitive market principles by taxing only one subset of competitors and purposefully creating an unleveled playing field in the market. If it approves the SCO security charge, the Commission will be endorsing an unprecedented market interference for no legitimate reason other than to "tip the scales" in the retail suppliers' favor. Artificially inflating the SCO price just to make retail suppliers' offerings more competitive on a cost basis is clearly inconsistent with prevailing state policy to "achieve effective competition" in Ohio's retail natural gas market. For these reasons, the Commission should reject the Amended Stipulation's proposed SCO security charge as it is not in the public interest.

## Q. Can you please reiterate Hess' recommendations?

- 1 A. Yes. The Commission should strive for a robust retail competitive market which results
- 2 in the lowest possible price to customers. In order to obtain this objective, the Commission
- 3 should not approve a stipulation that will only introduce regulatory uncertainty and inefficiency
- 4 into the SCO and retail markets. As such, Hess recommends that the Commission order the
- 5 following:
- 1. Approve the Amended Stipulation's framework for COH to exit the merchant function for
- 7 non-residential customers.
- 8 2. Employ an MVR allocation methodology for non-residential customers that incorporates
- 9 SSO/SCO tranche ownership.
- 3. Reject the Amended Stipulation's framework that allows COH to file an application to
- exit the merchant function for residential customers.
- 4. Reject the Amended Stipulation's proposed \$0.06 per Mcf SCO security charge.
- 13 Q. Does this conclude your testimony?
- 14 A. Yes, at this time. Hess reserves the right to file Supplemental Testimony.

#### ORLANDO M. MAGNANI

#### Education:

Manhattan College – Bachelor of Engineering in Chemical Engineering

#### **Employment and Responsibilities:**

- 2001-date -- Hess Corporation
  - Director Natural Gas Operations
    - Responsible for retail natural gas marketing operations and pricing, in eighteen states, including six regional offices
    - Responsible for interstate scheduling
- 1998-2001 Navigant Consulting
  - o Principal
    - Performed various consulting services related to Natural Gas issues
    - Testified in on behalf of Southern Union on gas supply matters related to the acquisition of Valley Gas and Providence Gas in Rhode Island and Fall River Gas and North Attleboro Gas in Massachusetts
- 1996-1998 <u>KeySpan Energy Services Inc.</u>
  - o President and Chief Operating Officer
    - General supervisory responsibility for gas marketing business
- 1971-1996 The Brooklyn Union Gas Company
  - o General Manager Project Development
    - Startup of a wholesale marketing business to generate margin from under-utilized supply, capacity and storage assets

- Manager Rates and Gas Supply
  - Responsible for cost allocation and rate design of utility rates as well as State and Federal Regulatory Activities
  - Responsible for gas supply planning and contract negotiation and administration
  - Testified in a number of Brooklyn Union Rate Cases as well as the Iroquois Pipeline case and the take or pay case
  - Testified before FERC in Transco Pipeline and Distrigas Cases
- o Manager Gas Operations
  - Responsible for the Operation and maintenance of the Company's LNG plant, SNG plant and high pressure transmission system, including all scheduling activities on interstate pipeline systems
- 1970 New York Public Service Commission
  - o Junior Engineer

# Illustrative Example of Hess' Proposed SSO/SCO Tranche Customer Allocation for Non-Residential Customers

If COH's exit is triggered at 70.0% and the current total number of Choice-eligible, non-residential customers is 108,213 at the time of the exit, 32,464 non-shopping, non-residential customers will need to be allocated to MVR suppliers.

	Eligible	% Shopping	Choice	Non- shopping customers remaining
Non- residential customers	108,213	70.0	75,749	32,464

For the purposes of this example, if, at the time of non-residential exit, COH conducted 8 total auctions (covering SSO and SCO auctions with 16 tranches per auction), COH will have auctioned off 128 total tranches. If Supplier X served 24 tranches over that time period, it would have supplied 18.75% of the total available auction tranches. 18.75% represents Supplier X's share of the total SCO market share. Because the SCO market share is 30% of all eligible (shopping and non-shopping) customers, Supplier X would have an overall 5.625% market share of total Choice-eligible customers at time of exit. Assuming Supplier X serves no shopping customers, incorporating SSO/SCO tranche ownership into the proportional market share analysis to allocate the remaining 32,464 non-residential, non-shopping customers, Supplier X would be assigned 1,826 customers.

Non-shopping customers remaining	Supplier X's Market Share (%)	Customers allocated to Supplier X at Exit
32,464	5.625	1,826

## Natural Gas Customer Choice Programs in Ohio **Customer Enrollment Levels**

As of June, 2012

	Re	sidential Cust	omer Enrolln	nent	
Customer Choice		Resid	ential Custor	ners	Residential
Program		CHOICE	sco	Eligible	Percent Enrolled
Columbia Gas of Ohio		444,356	697,213	1,214,009	94.0%
Duke Energy of Ohio		121,376	**	367,869	33.0%
Dominion East Ohio Gas	***	969,016	-	1,012,317	95.7%
Vectren Energy Delivery of Ohio		128,774	132,652	263,169	99.3%

是监测的证据。 1967年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1968年,1	mmer	cial / Industria		2.2546545 金属新加加工 5.25210 III的 III的 III的 III的 III的 III的 III的 II	
Customer Choice		Commercial	/ Industrial (	Justomers	Commercial
Program		CHOICE	SCO	Eligible	Percent Enrolled
Columbia Gas of Ohio		51,703	48,528	108,213	92.6%
Duke Energy of Ohio		14,036	-	27,745	50.6%
Dominion East Ohio Gas	***	79,700	-	84,800	94.0%
Vectren Energy Delivery of Ohio		10,894	12,266	23,193	99.9%

		Total Custom	er Enrollmen	t comment	
Customer Choice	<u> </u>	To	tal Customer	S	Total
Program		CHOICE	sco	Eligible	Percent Enrolled
Columbia Gas of Ohio		496,059	745,741	1,322,222	93.9%
Duke Energy of Ohio		135,412	=	395,614	34.2%
Dominion East Ohio Gas	***	1,048,716	-	1,097;117	95.6%
Vectren Energy Delivery of Ohio		139,668	144,918	286,362	99.4%

Note: Customers who qualify for PIPP are not included in the above numbers.

\*\*\* Includes both CHOICE and SCO (Standard Choice Offer) customers

PUCO Case No. 12-2637-GA-EXM OCC Request For Production of Documents No. 65 Respondent: T. C. Heckathorn

# COLUMBIA GAS OF OHIO, INC. RESPONSE TO OCC'S FIRST REQUEST FOR PRODUCTION OF DOCUMENTS DATED OCTOBER 5, 2012

Request For Production of Document No. 65

Please provide all documents that show the Shadow Bill total Choice Program savings or losses, by month, since the inception of the Choice Program.

Response:

Please see the Savings Summary Worksheet denoted as Attachment A.

	Total	Monthly	Cumulative	Cumulative
	Monthly Choice	PIPP	Sayings	Savings
Month	Savings	Savings	(Incl PIPP)	(Excl PIPP)
Apr-97	\$468,626	\$335,000	\$803,626	\$468,626
May-97	\$382,061	\$305,627	\$1,491,314	\$850,687
Jun-97	\$223,485	\$59,826	\$1,774,625	\$1,074,172
Jul-97	\$106,537	\$57,698	\$1,938,860	\$1,180,709
Aug-97	287,780	\$49,657	\$2,076,297	\$1,268,489
Sep-97	\$96,045	\$47,863	\$2,220,205	\$1,364,534
Oct-97	\$141,746	\$68,492	\$2,430,443	\$1,506,280
Nov-97	\$434,702	\$238,592	\$3,103,737	\$1,940,982
Dec-97	\$703,257	\$351,824	\$4,158,818	\$2,644,239
Jan-98	\$1,088,035	\$488,246	\$5,735,099	\$3,732,274
Feb-98	\$835,928	\$539,537	\$7,111,564	\$4,569,202
Mar-98	\$709,949	\$516,279	\$8,337,792	\$5,279,151
Apr-98	\$543,516	\$405,279	\$9,286,587	\$5,822,667
May-98	\$418,261	\$269,582	\$9,974,430	\$6,240,928
Jun-98	\$218,940	\$125,985	\$10,319,355	\$6,459,868
Jul-98	\$108,418	\$89,153	\$10,516,926	\$6,568,286
Aug-98	\$95,803	\$58,426	\$10,671,155	\$6,664,089
Sep-98	\$100,121	\$67,518	\$10,838,794	\$6,764,210
0a-58	\$278,132	\$84,159	\$11,201,085	\$7,042,342
Nov-98	\$1,246,551	\$241,897	\$12,689,533	\$8,288,893
Dec-98	\$2,064,429	\$386,295	\$15,140,257	\$10,353,322
781-79	54,366,822	\$595,015	\$20,102,094	\$14,720,144
700-N	\$4,055,491	\$428,931	\$24,586,516	\$18,775,635
Mar-25	52,990,806	\$491,930	\$28,069,251	\$21,766,441
Apr. 20	\$2,288,579	\$420,001	\$30,777,831	\$24,055,020
Fur OD	000,1456	\$1/1,23/	\$51,290,668	\$24,396,620
7.4.00 July	0/4/9070	30,796	\$31,653,900	\$24,665,096
A	21.23,730	177,100	231,844,866	\$24,788,892
Cen.00	6500 000	202,177	532,448,355	\$25,329,603
300	5004 600	000,000	523,093,016	979,918,626
Nov-90	54 275 310	120,0110	614,191,419	202,502,202
Dec-99	\$6 472 152	358 85FS	205,000,000 245,646,800	\$27,440 FEA
Jan-00	\$8,269,874	\$696339	\$54.613.105	\$45 970 538
Feb-00	\$3,753,746	\$699,457	\$59,066,307	\$49 674 784
Mar-00	\$3,728,859	\$457,115	\$63,252,281	\$53,403,143
Apr-00	\$2,529,053	\$120,373	\$65,901,706	\$55,932,196
May-00	\$3,057,481	\$150,316	\$69,109,503	\$58,989,677
Jun-00	\$1,573,599	\$68,996	\$70,752,098	\$60,563,276
Jul-00	\$1,154,313	\$46,821	\$71,953,232	\$61,717,589
Aug-00	\$2,211,421	\$58,508	\$74,223,161	\$63,929,009
Sep-00	\$2,315,744	\$51,350	\$76,590,255	\$66,244,753
20 to 5	\$3,776,227	\$121,841	\$80,488,323	\$70,020,980
Nov-00	\$8,309,251	\$208 106	689 700 680	670 000
	,		200000000000000000000000000000000000000	0100000

PIPP         Savings         Savings           Savings         (Indel PIPP)         (Excl PII)           \$727,288         \$126,922,560         \$114,966           \$727,181         \$149,447,101         \$114,966           \$557,192         \$182,193,125         \$168,238           \$114,641         \$191,346,342         \$158,231           \$155,768         \$182,193,125         \$168,238           \$114,641         \$191,346,342         \$177,121           \$69,621         \$193,626,319         \$177,121           \$66,524         \$193,626,319         \$177,121           \$66,524         \$191,663,328         \$177,121           \$65,536         \$191,663,328         \$177,121           \$65,537         \$191,663,338         \$177,121           \$106,584         \$182,464,170         \$177,121           \$106,584         \$183,464,170         \$177,121           \$106,584         \$183,464,170         \$177,121           \$106,584         \$183,464,170         \$177,121           \$106,584         \$183,464,170         \$177,121           \$110,592         \$183,464,170         \$177,111           \$110,512         \$113,470           \$246,85         \$112,228,338		Total	Monthly	Cumulative	Cumulative
Savings   Savings   (Inc) PIPP)		Monthly Choice	PIPP	Savings	Savings
\$11,245,197 \$11,245,197 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$12,179,130 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,135 \$11,149,136 \$11,149,149 \$11,14	Month	Savings	Savings	(Incl PIPP)	(Excl PIPP)
\$11,719,1500 \$11,719,504 \$11,719,504 \$11,719,504 \$11,719,504 \$11,719,504 \$11,719,504 \$11,719,504 \$11,719,504 \$11,719,504 \$11,719,101 \$11,719,504 \$11,7	Jan-01	\$18,245,197	\$752,288	\$126,932,560	\$114,966,191
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\$12,114,864 \$571,992 \$182,193,125 \$57,121,496 \$155,768 \$187,403,389 \$57,61,313 \$114,641 \$191,463,424 \$2,210,356 \$66,621 \$193,026,319 (\$472,600) \$44,301 \$192,626,319 (\$15,447,600) \$144,301 \$192,625,430 (\$15,447,728) \$165,534 \$112,306,434 (\$15,247,728) \$46,82 \$112,306,434 (\$15,119,402) \$295,238 \$112,306,437 (\$2,76,472) \$102,304 (\$2,76,472) \$205,239 \$112,306,437 (\$2,76,472) \$205,239 \$112,306,437 (\$2,704,134 \$62,49 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,475 \$244,08 \$120,204,408 \$367,471,1356 \$204,48 \$120,204,499 \$37,471,1356 \$204,48 \$1120,206,409 \$37,724,980 \$234,41 \$104,409,215 \$37,814,823 \$38,925 \$113,408,215 \$31,924,93 \$110,406,406 \$31,102,230,61 \$31,102,230, \$314,104 \$31,104,98 \$334,331 \$31,104,408 \$31,104,408 \$31,104,408 \$31,104,408 \$31,104,408 \$31,104,408 \$31,104,408 \$31,104,409 \$31	Mar-01	\$18,760,884	\$693,255	\$168,901,239	\$155,518,434
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(\$1,44,558) (\$1,20,44,811) (\$16,534 (\$1,10,44,558) (\$1,50,44,811) (\$16,534 (\$1,10,44,61) (\$2,41,278) (\$1,21,442) (\$1,21,442) (\$1,21,442) (\$1,21,442) (\$1,21,442) (\$1,21,442) (\$1,21,442) (\$1,24,423) (\$1,21,442) (	Aug-01	(\$421,041)	\$48,501	\$193,253,779	\$178,910,452
(\$11,48,558) \$95,536 \$191,602,398 (\$6,094,811) \$166,584 \$185,464,170 (\$6,004,811) \$166,584 \$185,464,170 (\$6,004,394) \$185,464,170 (\$6,004,394) \$182,402,331 \$117,006,389 (\$15,202,392 \$102,306,434 (\$102,302,432,331,392,392 \$134,620,775 \$132,411,99 \$295,298 \$134,620,775 \$132,411,99 \$132,392,138 \$136,252,972 \$256,461 \$941,885 \$126,282,972 \$256,461 \$941,885 \$126,282,972 \$256,461 \$941,885 \$126,282,972 \$256,461 \$941,885 \$126,282,972 \$256,461 \$941,885 \$126,282,972 \$256,461 \$941,885 \$126,282,972 \$256,413 \$102,713 \$139,214 \$129,203,374 \$102,713 \$139,214 \$129,203,374 \$102,713 \$139,214 \$129,203,374 \$102,713 \$139,214 \$129,203,374 \$129,303,677 \$129,303,374 \$129,303,475 \$104,403,333 \$104	Sep-01	(\$642,660)	\$44,301	\$192,655,420	\$178,267,791
(\$6,504,811) \$166,584 \$185,464,170 (\$6,504,811) \$166,584 \$177,096,859 (\$15,504,728) \$456,852 \$122,306,434 (\$15,194,407,818,824,323) \$177,096,859 (\$15,194,407,846,139) \$158,107 \$130,437,536 (\$15,404,139) \$158,107 \$130,144,697 \$	Oct-01	(\$1,148,558)	\$95,536	\$191,602,398	\$177,119,233
(\$8,608,644) \$241,333 \$117,096,389 (\$15,47,718) \$456,822 \$162,306,434 (\$12,191,402) \$2342,231 \$150,457,265 (\$2,1191,402) \$2342,231 \$150,457,265 (\$7,172,119) \$295,298 \$134,602,775 (\$4,764,190) \$1588,107 \$130,014,691 (\$2,756,492) \$150,494 (\$1,504,402) \$25,403 \$156,402,775 (\$1,504,403) \$150,404 (\$1,504,404) \$150,404 (\$1,504,404) \$1	Nov-01	(118,402,02)	\$166,584	\$185,464,170	\$170,814,422
(\$1,247,278) \$456,852 \$162,306,434 (\$12,191,402) \$42,231 \$159,457,263 (\$2,131,402) \$42,231 \$119,457,286 (\$7,172,119) \$209,528 \$144,497,586 (\$7,176,190) \$158,107 \$130,104,691 (\$2,756,952) \$94,387 \$127,381,408 \$367,475 \$44,089 \$126,525,772 \$256,461 \$41,585 \$125,528,403 \$102,713 \$20,523 \$102,713 \$20,524 \$102,713 \$20,524 \$102,7	Dec-01	(\$8,608,644)	\$241,333	\$177,096,859	\$162.205.778
(\$12,191,402) \$342,231 \$150,457,263 (\$3,315,264) \$355,59 \$144,497,596 (\$7,172,119) \$295,298 \$134,620,775 (\$4,764,190) \$1518,107 \$130,14591 (\$2,756,952) \$94,387 \$128,4108 \$126,522,972 \$254,461 \$41,885 \$126,522,972 \$254,461 \$41,885 \$126,522,972 \$254,461 \$41,885 \$126,222,972 \$254,461 \$129,214 \$129,223,346 \$10,71,220 \$392,134 \$129,220,374 \$10,70,129 \$236,472 \$10,71,220 \$2392,134 \$129,220,374 \$5,700,229 \$257,791 \$129,223,346 \$129,223,346 \$123,12,980 \$174,125 \$216,472 \$100,473 \$100	Jan-02	(\$15,247,278)	\$456,852	\$162,306,434	\$146 958 501
(\$\(\frac{9}{2}\)15,264) \$355,597 \$141,497,596 (\$\(\frac{7}{2}\)15,264) \$255,28 \$134,6275 (\$\(\frac{7}{2}\)15,219) \$158,107 \$134,497,596 (\$\(\frac{7}{2}\)15,61,469) \$16.8,107 \$13.4,1408 \$13.6,1469 \$15.6,1469 \$15.6,1469 \$15.6,1469 \$15.6,1469 \$15.6,1469 \$15.6,1469 \$15.6,1469 \$15.6,1469 \$15.6,1409 \$	Feb-02	(\$12,191,402)	\$342,231	\$150,457,263	\$134.767.098
(\$7,172,119) \$295,298 \$134,620,775 (\$7,172,119) \$193,198 \$134,620,775 (\$4,754,190) \$158,107 \$130,014,691 (\$2,756,192) \$158,107 \$130,014,691 \$256,475 \$140,88 \$156,522,972 \$256,461 \$41,585 \$156,522,972 \$256,461 \$41,585 \$156,224,972 \$256,461 \$41,885 \$120,292,374 \$120,271,940 \$130,271,94 \$120,203,374 \$102,713 \$192,713 \$1	Mar-02	(\$9,315,264)	\$355,597	\$141,497,596	\$125.451.834
(\$4,76,190) \$158,107 \$130,014,691 (\$2,756,522) \$894,387 \$123,32,126 (\$1,501,408) \$50,750 \$125,841,408 \$205,461 \$41,585 \$126,525,772 \$276,134 \$62,349 \$126,525,772 \$270,134 \$62,349 \$126,582,501 \$1,083,017 \$217,814 \$122,929,386 \$102,713 \$292,134 \$122,920,374 \$6,700,229 \$655,739 \$137,276,361 \$7,471,135 \$256,173 \$132,920,374 \$5,700,229 \$655,739 \$137,276,361 \$7,471,135 \$256,148 \$159,280,667 \$2,05,510 \$44,755 \$161,486,953 \$2,05,510 \$44,755 \$161,486,953 \$2,05,510 \$44,755 \$161,164,753 \$2,05,510 \$44,755 \$161,164,753 \$2,05,510 \$44,755 \$161,164,753 \$2,05,510 \$288,902 \$161,164,753 \$2,05,772,286 \$334,371 \$10,466,366 \$3,772,286 \$334,371 \$10,466,366 \$3,772,264,910 \$0 \$102,329,961 \$3,772,264,910 \$0 \$102,329,961 \$3,772,264,910 \$0 \$102,329,961 \$11,202,203 \$100,102,732 \$100,112,732	Apr-02	(\$7,172,119)	\$295,298	\$134,620,775	\$118,279,715
(\$2,754,952) \$94,387 \$127,352,126 (\$1,661,469) \$30,750 \$125,841,408 \$3567,475 \$44,089 \$126,525,972 \$256,461 \$41,585 \$126,582,901 \$1023,017 \$217,814 \$122,228,836 \$102,713 \$219,274 \$122,228,836 \$102,713 \$219,274 \$122,228,836 \$102,713 \$219,274 \$122,228,836 \$7,451,129 \$236,472 \$132,920,374 \$5,700,229 \$655,759 \$137,276,361 \$5,710,279 \$256,779 \$137,276,361 \$5,711,250 \$216,475 \$161,124,605 \$1,120,230 \$134,21 \$10,124,246 \$1,120,230 \$10,215,331 \$1,120,230 \$10,215,331 \$1,120,230 \$10,215,320 \$1,120,230 \$10,215,320 \$1,120,230 \$10,215,320 \$1,120,230 \$10,239,261 \$1,120,230 \$10,239,247 \$1,120,230 \$10,239,247 \$1,120,230 \$10,239,247 \$1,120,230,341 \$1,120,230 \$10,239,247 \$1,120,230 \$10,239,247 \$1,120,230,341 \$1,120,230 \$10,239,247 \$1,120,230 \$10,239,247 \$1,120,230 \$10,239,247 \$1,120,230 \$10,239,341 \$1,120,230 \$10,239,341 \$1,120,230 \$10,239,341 \$1,120,230 \$10,239,341 \$1,120,230 \$10,239,341 \$1,120,230 \$10,239,341 \$1,120,230 \$10,239,341 \$1,120,230 \$10,239,341 \$1,120,230 \$10,239,341 \$1,120,230,341	May-02	(\$4,764,190)	\$158,107	\$130,014,691	\$113,515,525
(\$1,561,469) \$50,750 \$125,841,408 \$356,7475 \$44,089 \$126,252,972 \$256,461 \$41,285 \$126,581,017 \$270,134 \$62,349 \$126,581,017 \$270,134 \$129,214 \$128,184,332 \$711,220 \$392,114 \$128,184,332 \$7,701,229 \$392,114 \$129,228,386 \$7,701,229 \$392,124 \$129,228,386 \$7,711,236 \$561,689 \$137,276,461 \$7,711,236 \$561,689 \$127,289,403 \$7,451,129 \$236,472 \$16,246,063 \$7,451,129 \$236,472 \$161,488,933 \$7,251,299 \$10,215,46,063 \$7,72,986 \$138,923 \$161,159,968 \$7,72,986 \$138,921 \$161,159,968 \$7,72,986 \$138,931 \$10,011,772 \$10	Jun-02	(\$2,756,952)	\$94,387	\$127,352,126	\$110,758,573
3367,475         344,089         \$126,252,972           \$25,6461         \$41,585         \$126,551,017           \$270,134         \$126,581,017         \$102,813           \$102,713         \$129,24         \$122,083,501           \$102,713         \$132,274         \$129,20,374           \$102,713         \$132,274         \$129,20,374           \$6,717,256         \$501,687         \$129,20,374           \$6,711,256         \$201,647         \$129,20,374           \$6,711,256         \$201,647         \$136,277,004           \$7,451,129         \$226,472         \$150,277,004           \$7,521,401         \$246,468         \$152,714,177           \$1,522,1041         \$150,277,004         \$150,277,004           \$1,522,1041         \$150,277,004         \$150,277,004           \$2,521,280         \$144,755         \$161,486,93           \$2,521,403         \$147,755         \$161,486,93           \$3,671         \$38,933         \$161,486,03           \$3,772,985         \$38,189         \$161,150,988           \$3,722,985         \$34,475         \$113,486,313           \$3,672,930         \$102,466,63           \$3,722,930         \$102,466,63           \$3,722,930         \$102,456	Jul-02	(\$1,561,469)	\$50,750	\$125,841,408	\$109,197,104
\$226,461 \$41,585 \$126,551,017 \$270,434 \$62,349 \$126,883,501 \$10,203,014 \$120,203,334 \$62,349 \$126,883,501 \$10,203,134 \$519,274 \$129,203,374 \$120,203,374 \$120,203	Aug-02	\$367,475	\$44,089	\$126,252,972	\$109,564,579
\$270,134 \$62,349 \$126,883,501 \$721,920 \$392,134 \$122,928,336 \$102,713 \$219,274 \$122,928,336 \$102,713 \$219,274 \$122,920,374 \$6,700,229 \$655,739 \$137,276,361 \$7,471,135 \$236,472 \$137,276,361 \$5,312,880 \$132,472 \$15,276,361 \$5,312,880 \$132,472 \$15,276,361 \$2,06,510 \$44,755 \$161,488,933 \$2,06,510 \$44,755 \$161,488,933 \$2,06,510 \$44,755 \$161,488,933 \$2,06,510 \$38,953 \$161,164,933 \$3,88,47,853 \$38,953 \$161,163,968 \$3,747,853 \$38,902 \$161,163,968 \$3,747,853 \$38,902 \$161,163,968 \$3,747,853 \$334,371 \$10,466,366 \$3,702,2986 \$334,371 \$10,466,366 \$3,702,777 \$0 \$102,329,961 \$3,702,730 \$3,702,730 \$102,236,643 \$2,213,629 \$102,236,639 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$2,213,620 \$	Sep-02	\$256,461	\$41,585	\$126,551,017	\$109,821,040
\$\text{51,083,017}\$\text{517,814}\$\text{512,929,332}\$\text{517,814}\$\text{512,298,386}\$\text{512,192,922,374}\$\text{512,298,386}\$\text{5102,713}\$\text{52,922,374}\$\text{52,922,374}\$\text{52,922,374}\$\text{52,922,374}\$\text{52,922,374}\$\text{52,922,374}\$\text{52,922,374}\$\text{52,922,374}\$\text{52,922,374}\$\text{52,924,03}\$\text{52,924,03}\$\text{52,924,04}\$\text	Oct-02	\$270,134	\$62,349	\$126,883,501	\$1.10,091,174
\$71,120 \$102,713 \$102	Nov-02	\$1,083,017	\$217,814	\$128,184,332	\$111,174,191
\$6,700,229 \$6,700,229 \$6,700,229 \$6,51,256 \$7,451,129 \$7,451,129 \$7,451,129 \$2,505,510 \$2,505,510 \$2,505,510 \$2,512,820 \$	Dec-02	\$721,920	\$392,134	\$129,298,386	\$111,896,111
86.70,229 86.70,229 86.70,229 86.711,326 85.01,685 8142,882,493 87.451,129 87.354,41 88.4048 8155,714,177 83.582,441 88.4048 8155,714,177 83.582,441 88.4048 8155,714,177 83.582,433 87.103,438 87.103,438 87.103,438 87.103,438 87.103,438 87.103,438 87.103,438 87.103,438 87.103,438 87.103,438 87.103,239 87.103,239 87.103,439 87.103,239	Jan-03	\$102,713	\$519,274	\$129,920,374	\$111,998,824
57.471,1356 5001,688 5142,589,403 57.451,129 5236,472 5150,277,004 55.312,880 5124,104 5155,714,177 53.582,441 584,048 5159,180,667 52.05,510 544,755 5161,488,933 (5281,823) 538,953 5161,148,933 (5347,85) 538,953 5161,163,968 (53,471,853) 5130,215 (516,586,279) 538,923 5161,163,968 (57,012,777) 50 510,344,333 (516,586,279) 538,922 (57,012,777) 50 510,349,333 (512,21,649) 50 510,239,961 (51,120,234) 50 510,239,961 (51,120,234) 50 510,239,961 (51,120,234) 50 510,239,961 (51,120,234) 50 510,239,961 (51,120,234) 50 510,239,961 (51,271,643) 50 588,865,577 (51,271,643) 50 588,865,577 (51,271,643) 50 588,865,677 (51,271,643) 50 588,865,677 (51,377,765) 50 588,865,677 (52,386,029) 50 584,690,334 (52,286,029) 50 584,690,334	1.60-03	\$6,700,229	\$655,759	\$137,276,361	\$118,699,053
5.7.41,129	Mar-us	54,711,356	5801,685	\$142,589,403	\$123,410,409
5.5,74,580 1124,194 5153,744,1177 52,542,480 1159,380,677 52,065,510 544,755 516,486,933 (52,11,482) 538,955 516,146,053 5174,1177 53,547,129 51,546,063 517,129,488 518,129,380,677 518,129,344,533 (517,549,52) 5251,134 515,314,533 (515,549,53) 5251,134 515,314,533 (515,549,53) 536,962 513,493,492 (57,012,777) 50 519,344,533 (51,521,649) 50 510,129,701 (51,21,644) 50 598,806,577 579,275 50 598,806,577 579,277 50 598,806,577 (52,213,63) 50 598,806,577 (51,21,644) 50 598,806,577 (51,21,644) 50 598,806,577 (52,313,873) 50 598,808,707 (52,313,873) 50 598,808,704,734 (52,313,873) 50 594,509,477 (52,313,873) 50 594,509,477 (52,313,873) 50 594,509,477 (52,313,873) 50 594,509,477 (52,313,873) 50 594,509,477 (52,313,873)	Apr-03	97,451,129	\$236,472	\$150,277,004	\$130,861,538
5.3-3-4,441 3-84,048 \$159,380,667 55,20,571 544,083 51,148,933 (S2E1,823) 538,953 5161,146,733 (S119,489) 538,189 5161,146,733 (S119,489) 538,189 5161,164,733 (S119,489) 538,189 5161,164,733 (S12,492) 536,962 5134,982,983 (S12,494) 539,803,804,193,193,193,193,193,193,193,193,193,193	tur 63	086,515,580	\$124,194	\$155,714,177	\$136,174,517
\$2,04.510 \$44,755 \$161,488,933 \$1,048,933 \$1	50-unr	144,286,64	584,048	\$159,380,667	\$139,756,959
(3119,493) 538,953 \$161,246,065 57 (3119,498) 538,195 \$161,1246,065 57 (3119,498) 538,195 \$161,164,783 587,000 5161,1545,065 57 (3147,1853) 5130,215 5151,314,339 515,314,533 515,314,534,	So-inf	\$2,063,510	\$44,755	\$161,488,933	\$141,820,469
(\$11,949) \$38,189 \$161,164,733 \$  (\$31,785) \$87,00 \$161,159,088 \$  (\$3,71,847) \$52,134 \$150,314,333 \$  (\$15,586,279) \$130,921 \$150,314,333 \$  (\$15,586,279) \$130,921 \$119,824,922 \$  (\$9,722,986 \$334,371 \$110,466,366 \$  (\$7,012,777) \$0 \$103,493,596 \$  (\$7,012,777) \$0 \$100,429,961 \$  (\$1,20,230) \$0 \$100,119,722 \$  (\$1,215,649) \$0 \$100,119,722 \$  \$50,491 \$0 \$98,806,377 \$  \$50,491 \$0 \$98,806,377 \$  \$50,491 \$0 \$98,806,377 \$  \$50,491 \$0 \$98,806,377 \$  \$50,491 \$0 \$98,806,377 \$  \$50,491 \$0 \$98,806,377 \$  \$50,491 \$0 \$98,806,377 \$  \$50,491 \$0 \$98,806,377 \$  \$50,491 \$0 \$98,806,377 \$  \$50,407,765 \$0 \$98,808,777 \$  (\$2,213,873) \$0 \$98,808,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,777 \$  (\$2,213,873) \$0 \$98,906,773 \$  (\$2,213,873) \$0 \$98,906,773 \$  (\$2,213,873) \$0 \$  (\$2,213,873) \$  (\$2,213,873) \$0 \$  (\$2,213,873) \$0 \$  (\$2,213,873) \$  (\$2,213,873) \$  (\$2,213,873) \$  (\$2,213,873) \$  (\$2,213,873) \$  (\$2,213,873) \$  (\$2,213,873) \$  (\$2,213,873) \$  (\$2,213,873) \$  (\$2,213,8	Aug-03	(\$281,823)	\$38,953	\$161,246,063	\$141,538,646
(\$4,785) \$87,000 \$1(6),159,988 \$1(3,471,85) \$130,215 \$1510,159,988 \$1(57,424,925) \$130,215 \$1510,424,922 \$134,092,131,4333 \$1,472,986 \$134,092,131,4333 \$1,472,986 \$134,092,131,432,982 \$1,472,986 \$134,785 \$110,466,366 \$177,229,961 \$1,202,39 \$100,119,732 \$100,119,732 \$1,202,39 \$100,119,732 \$100,119,732 \$1,202,39 \$100,119,732 \$1,202,39 \$1,202,302,302,302,302,302,302,302,302,302	Sep-03	(\$119,498)	\$38,189	\$161,164,753	\$141,419,148
(31/471,853) \$190,215 \$157,818,330 \$1 (31/471,855) \$190,215 \$159,814,333 \$1 (31/49292) \$251,134 \$156,314,533 \$1 (31/49292) \$251,134 \$156,314,533 \$1 (31/49292) \$251,134 \$150,314,533 \$1 (31/49292) \$119,834,932 \$119,834,932 \$1 (31/21,946) \$1 (31/21,944) \$1 (31/21,	CC1-03	(\$87,1985)	287,000	\$161,159,968	\$141,327,363
(\$7,74-932) \$251,134 \$150,314,533 \$150,314,533 \$150,502,513 \$150,314,533 \$150,502,513 \$150,314,534 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,534 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,533 \$150,314,534,534,534,534,534,534,534,534,534,53	Nov-03	(\$3,471,853)	\$130,215	\$157,818,330	\$137,855,510
(\$16,586,279) \$36,902 \$1134,098,215 \$(\$16,586,279) \$36,902 \$1134,098,215 \$(\$14,691,088) \$447,855 \$119,834,982 \$(\$17,291,272) \$80 \$3104,465,366 \$(\$7,012,777) \$80 \$3104,465,366 \$(\$2,213,629) \$80 \$3104,119,772 \$(\$1,215,64) \$80 \$398,806,377 \$(\$1,271,64) \$80 \$398,806,377 \$(\$1,277,76) \$80 \$398,806,377 \$(\$1,977,76) \$80 \$394,900,4774 \$(\$2,3313,873) \$80 \$394,900,334 \$(\$2,386,099) \$80 \$397,104,734 \$(\$2,386,099) \$80 \$397,104,734	Dec-03	(\$7,754,932)	\$251,134	\$150,314,533	\$130,100,578
(\$14,691,088) \$447,855 \$119,854,982 (\$7,012,777) \$0 \$103,495,590 (\$7,012,777) \$0 \$103,495,590 (\$1,202,230) \$0 \$100,119,732 (\$1,202,230) \$0 \$100,119,732 (\$1,202,230) \$0 \$100,119,732 (\$1,202,664) \$0 \$98,806,577 \$792,775 \$0 \$98,806,577 \$792,775 \$0 \$98,806,577 \$792,777,659 \$0 \$98,902,777 (\$1,277,765) \$0 \$98,902,777 (\$2,286,099) \$0 \$99,104,734 (\$2,286,099) \$0 \$99,104,734	Jan-04	(\$16,586,279)	\$369,962	\$134,098,215	\$113,514,299
(\$)772,986) \$334,371 \$110,466,366 (\$7,012,777) \$0 \$101,435,590 (\$2,213,629) \$0 \$100,119,322 (\$1,202,30) \$0 \$100,119,322 (\$1,251,664) \$0 \$98,808,068 (\$61,497) \$0 \$98,806,577 \$79,275 \$0 \$98,806,577 (\$1,277,765) \$0 \$98,006,777 (\$1,213,873) \$0 \$94,609,834 (\$2,533,873) \$0 \$94,609,834	Feb-04	(\$14,691,088)	\$447,855	\$119,854,982	\$98,823,211
(\$7,012,777) \$0 \$103,459,590 (\$2,218,629) \$0 \$101,259,601 (\$1,120,230) \$0 \$100,119,732 (\$1,21,664) \$0 \$98,806,808 (\$61,497) \$0 \$98,806,577 \$79,275 \$0 \$98,806,577 (\$1,977,765) \$0 \$98,805,107 (\$2,386,099) \$0 \$94,690,834 (\$2,386,099) \$0 \$97,104,734	Mar-04	(\$8,772,986)	\$334,371	\$110,466,366	\$89,100,225
(\$2,218,629) \$0 \$101,239,961 (\$1,120,230) \$0 \$100,119,722 (\$1,221,664) \$0 \$98,806,577 (\$621,491) \$0 \$98,806,577 \$50,620 \$0 \$98,805,772 (\$1,977,765) \$0 \$98,902,472 (\$2,386,099) \$0 \$94,690,334 (\$2,386,099) \$0 \$97,104,734	Apr-04	(\$7,012,777)	20	\$103,453,590	\$82,087,448
(\$1,120,230) \$0 \$100,119,732 (\$1,251,664) \$0 \$98,868,068 (\$61,497) \$0 \$98,806,577 \$79,275 \$0 \$98,805,577 (\$1,977,765) \$0 \$98,092,707 (\$2,213,873) \$0 \$94,600,834 (\$2,586,099) \$0 \$92,104,734	May-04	(\$2,213,629)	20	\$101,239,961	879,873,819
(\$1,251,664) \$0 \$98,868,068 (\$61,491) \$0 \$98,868,527 \$79,275 \$0 \$98,885,822 \$96,620 \$0 \$98,982,472 (\$1,977,765) \$0 \$97,004,707 (\$2,586,099) \$0 \$97,104,734	Jun-04.	(\$1,120,230)	20	\$100,119,732	\$78,753,590
(\$61,491) \$0 \$98,806,577 \$79,275 \$0 \$98,806,572 \$06,620 \$0 \$98,902,472 (\$1,977,765) \$0 \$97,004,707 (\$2,313,873) \$0 \$94,600,834 (\$2,586,099) \$0 \$97,104,734	Jul-04	(\$1,251,664)	\$0	\$90,868,86\$	\$77,501,926
\$59,825.2 \$506,620 \$1,977,765 \$2,131,873 \$2,1004,734 \$2,286,099 \$0 \$504,690,834 \$2,104,734	Aug-04	(\$61,49T)	20	\$98,806,577	\$77,440,435
\$56,620 \$0 \$593,922,472 (\$1,977,765) \$0 \$97,004,707 (\$2,313,873) \$0 \$94,690,344 (\$2,586,099) \$0 \$97,104,734	Sep-04	275,275	80	\$98,885,852	\$77,519,710
(\$1,977,765) \$0 \$97,004,707 (\$2,313,873) \$0 \$94,690,834 (\$2,386,099) \$0 \$92,104,734	Oct-04	\$96,620	20	\$98,982,472	\$77,616,330
(\$2,586,099) \$0 \$94,690,834 (\$2,586,099) \$0 \$92,104,734	Nov-04	(\$1,977,765)	20	\$97,004,707	\$75,638,565
(\$2,586,099) \$0 \$92,104,734	Dec-04	(\$2,313,873)	03	\$94,690,834	\$73,324,692
	Jan-05	(\$2,586,099)	20,	\$92,104,734	\$70,738,593

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	Monthly Choice	PIPP	Savings	Savings
Month	Savings	Savings	(Incl PIPP)	(Excl PIPP)
Feb-05	(\$9,750,426)	0\$	\$82,354,308	\$60,988,166
Mar-05	(\$10,249,233)	\$0	\$72,105,075	\$50,738,933
Apr-05	(\$2,554,763)	0\$	\$69,550,312	\$48,184,170
May-05	(\$1,829,816)	0.5	\$67,720,496	\$46,354,354
Jun-05	(\$893,993)	80	\$66,826,503	\$45,460,361
Jul-05	(\$771,110)	03	\$66,055,392	\$44,689,251
Aug-05	(056,7350)	SO	\$66,048,042	\$44,681,901
Sep-05	\$312,384	80	\$66,360,427	\$44,994,285
Oct-05	\$716,106	0\$	\$67,076,533	\$45,710,391
Nov-05	(\$1,058,445)	\$0	\$65,988,088	\$44,621,946
Dec-05	(\$1,171,195)	03	\$64,816,892	\$43,450,750
Jan-06	(\$4,052,738)	\$0	\$60,764,154	\$39,398,012
Feb-06	(\$8,730,590)	08	\$52,033,564	\$30,667,422
Mar-06	(\$15,285,104)	20	\$36,748,459	\$15,382,317
Apr-06	(\$9,606,569)	\$53,181	170,295,071	\$5,775,748
May-06	(\$5,056,096)	\$26,802	\$22,165,777	\$719,652
Jun-06	(\$3,312,155)	\$14,795	\$18,868,417	(\$2,592,503)
Jul-06	(\$2,477,718)	\$8,309	\$16,399,008	(\$5,070,221)
Aug-06	(\$2,533,436)	\$8,075	\$13,873,646	(\$7,603,658)
Sep-06	(\$2,100,387)	\$8,066	\$11,781,325	(\$9,704,045)
Oct-06	(\$6,920,021)	\$17,003	\$4,878,307	(\$16,624,066)
Nov-06	(\$11,724,363)	\$40,939	(\$6,805,117)	(\$28,348,429)
Dec-06	(\$16,497,330)	\$59,733	(\$23,242,764)	(\$44,845,809)
Jan-07	(\$20,699,603)	\$71,970	(\$43,870,396)	(\$65,545,412)
Feb-07	(\$28,126,575)	\$105,900	(\$71,891,071)	(\$86,177,588)
Mar-07	(\$20,397,523)	891,869	(\$92,196,725)	(\$114,069,510)
Apr-07	(\$18,515,663)	877,960	(\$110,634,428)	(\$132,585,173)
May-07	(\$5,531,196)	\$41,549	(\$116,124,075)	(\$138,116,369)
Jun-07	(\$2,587,269)	\$18,743	(\$118,692,601)	(\$140,703,638)
Jul-07	(\$2,252,592)	\$13,759	(\$120,931,434)	(\$142,956,230)
Aug-07	(\$2,205,982)	\$11,085	(\$123,126,330)	(\$145,162,212)
Sep-07	(\$2,092,243)	511,445	(\$125,207,128)	(\$147,254,455)
Oct-02	(\$2,781,976)	\$14,771	(\$127,974,335)	(\$150,036,431)
Nov-07	(\$5,843,575)	\$49,773	(\$133,768,135)	(\$155,880,006)
Dec-07	(\$11,194,646)	\$104,032	(\$144,858,749)	(\$167,074,653)
Jan-08	(\$13,051,903)	\$131,676	(\$157,778,977)	(\$180,126,556)
Feb-08	(\$8,860,007)	\$141,785	(\$166,497,198)	(\$188,986,563)
Mar-08	(\$10,066,238)	\$142,920	(\$176,420,516)	(\$199,052,801)
Apr-08	(\$3,454,406)	\$73,436	(\$179,801,486)	(\$202,507,206)
May-08	(\$1,928,103)	\$31,482	(\$181,698,107)	(\$204,435,310)
3m-08	(\$1,170,091)	\$20,328	(\$182,847,870)	(\$205,605,401)
Jul-08	(\$790,044)	\$11,537	(\$183,626,378)	(\$206,395,445)
Aug-08	(\$1,614,359)	89,710	(\$185,231,027)	(\$208,009,805)
Sep-08	(\$2,602,790)	\$8,792	(\$187,825,025)	(\$210,612,595)
Oct-08	(82,953,159)	\$14,224	(\$191,763,960)	(\$214,565,754)
Nov-08	(\$5,078,415)	\$43,070	(\$196,799,305)	(\$219 KAA 169)
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	Monthly Choice	PIPP	Savings	Savings
Month	Savings	Savings	(Incl. PIPP)	(Excl.PIPP)
Jan-09	(\$37,824,259)	\$124,409	(\$237,866,295)	(\$260,928,484)
Feb-09	(\$29,054,361)	\$125,729	(\$266,794,927)	(\$289,982,845)
Mar-09	(\$18,133,351)	\$95,546	(\$284,832,732)	(\$308,116,196)
Apr-09	(\$19,196,248)	\$14,350	(\$304,014,630)	(\$327,312,444)
May-09	(\$10,977,112)	\$6,975	(\$314,984,768)	(\$338,289,557)
Jun-09	(\$4,685,174)	\$3,592	(\$319,666,350)	(\$342,974,731)
Jul-09	(\$5,803,121)	\$2,223	(\$323,467,248)	(\$346,777,852)
Aug-09	(\$2,086,611)	\$2,092	(\$328,551,766)	(\$351,864,463)
Sep-09	(54,816,429)	\$1,949	(\$333,366,245)	(\$356,680,892)
Oct-09	(\$6,666,676)	\$4,560	(\$343,028,362)	(\$366,347,568)
Nov-09	(\$16,018,366)	\$8,603	(\$359,038,125)	(\$382,365,935)
Dec-09	(\$29,757,064)	\$14,783	(\$388,780,407)	(\$412,122,999)
Jan-10	(\$58,534,561)	\$25,333	(\$447,289,636)	(\$470,657,560)
Feb-10	(\$54,886,642)	\$23,999	(\$502,152,279)	(\$525,544,202)
Mar-10	(\$42,565,680)	\$20,305	(\$544,697,654)	(\$568,109,882)
Apr-10	(\$15,552,868)	\$0	(\$560,250,522)	(\$583,662,750)
May-10	(\$6,892,306)	20	(\$567,142,828)	(8590,555,058)
Jun-10	(\$4,489,589)	98	(\$571,632,417)	(\$595,044,645)
Jul-10	(\$3,289,540)	20	(\$574,921,957)	(\$598,334,185)
Aug-10	(\$2,659,755)	200	(\$577,581,712)	(\$600,993,940)
Sep-10	(\$3,581,584)	\$0	(\$581,163,296)	(\$604,575,524)
00:10	(\$4,992,010)	80	(\$586,155,306)	(\$609,567,534)
Nov-10	(\$11,946,139)	8	(\$598,101,446)	(\$621,513,674)
200	(\$18,655,779)	80	(\$616,757,225)	(\$640,169,453)
Jan-II	(\$27,471,440)	8	(\$644,228,665)	(\$667,640,894)
Feb-11	(\$24,223,884)	S	(\$668,452,549)	(\$691,864,778)
Mar-1	(\$20,620,889)	20	(\$689,073,439)	(\$712,485,667)
Apr-[]	(\$12,305,658)	S	(\$60,876,1078)	(\$724,791,324)
May-11	(\$6,640,768)	08	(\$708,019,864)	(\$731,432,092)
Jun-11	(\$3,442,292)	S	(\$711,462,156)	(\$734,874,384)
Jul-Li	(\$2,678,937)	S	(\$714,141,094)	(\$737,553,322)
Aug-11	(\$2,571,209)	2	(\$716,512,303)	(\$739,924,531)
T don	(781-616,78)	2	(\$719,431,485)	(\$742,843,713)
그 : 항 ;	(54,315,491)	20	(\$723,746,976)	(\$747,159,204)
Nov-	(\$9,295,346)	\$0	(\$733,042,322)	(\$756,454,550)
Dec-11	(\$16,567,409)	04	(\$749,609,731)	(\$773,021,959)
Jan-12	(\$24,644,446)	Q.	(\$774,254,177)	(\$797,666,405)
Feb-12	(\$27,277,024)	80	(\$801,531,201)	(\$824,943,429)
Mar-12	(\$22,443,024)	8	(\$823,974,225)	(\$847,386,453)
Apr-12	(\$12,995,122)	\$0	(\$\$36,969,347)	(\$25(0,381,575)
May-12	(\$10,008,296)	S	(\$846,977,643)	(\$870,389,871)
Jun-12	(\$4,544,409)	S	(\$851,522,052)	(\$874,934,280)
Jul-12	(\$3,432,128)	S	(\$854,954,180)	(\$878,366,408)
Aug-12	(\$2,843,602)	20	(\$857,797,782)	(\$881 210 010)
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PUCO Case No. 12-2637-GA-EXM Hess Corporation Interrogatory No. 7 Respondents: T.J. Brown, Jr. and Stephen B. Seiple

# COLUMBIA GAS OF OHIO, INC. RESPONSE TO HESS CORPORATION'S FIRST SET OF INTERROGATORIES DATED NOVEMBER 2, 2012

Interrogatory No. 7:

The Stipulation at page 3 provides:

#### SCO Supplier Payments

In addition to the Letter of Credit, SCO Suppliers will be required to provide Columbia with a cash deposit equal to ten cents per Mcf multiplied by initial estimated annual delivery requirements for the SCO Program Year of the tranches won by that SCO Supplier. This security will be used to provide a liquid account to meet supply default expenses incurred by Columbia other than the compensation to non-defaulting SCO Suppliers. These deposits and interest earned during the program year will be accounted for through establishment of a regulatory liability in Account 254, Other Regulatory Liabilities. Interest will be computed monthly based on average account balance for each month and the applicable NiSource Inc. and Subsidiaries Money Pool Rate. Any funds remaining at the end of each SCO Program Year will be transferred to the CSSR.

Respond to the following interrogatories regarding the above provision:

- a. Define "deposit."
- State whether the deposit referenced will be returned to the SCO Supplier making the deposit.

- c. Specifically identify all "supply default expenses" that Columbia seeks to recover through this deposit.
- d. Since the inception of the SCO program, identify the date of each default by an SCO Supplier.
  - i. As to each event of default, identify the "supplier default expenses incurred by Columbia other than the compensation to non-defaulting SCO Suppliers."
  - ii. As to each event of default, identify how Columbia recovered the "supplier default expenses incurred by Columbia other than the compensation to non-defaulting SCO Suppliers."
- e. Are you aware of any defaults that occurred in any other Ohio Local Distribution Company's SCO program? If so, please describe the default in detail.
- f. If no defaults have occurred since the inception of Columbia's SCO, identify under the Program Outline in effect in PUCO Case No. 08-1344-GA-EXM, how Columbia would have recovered the "supplier default expenses incurred by Columbia other than the compensation to non-defaulting SCO Suppliers?"
  - i. Specifically, would Columbia have recovered these expenses under Section 15.7 of the Program Outline (comparable to the Revised Program Outline, Section 15.8), which provides for Columbia's use of the proceeds from the SCO Supplier's financial security instruments?
  - ii. Specifically, would Columbia have recovered these expenses under the Section 16.6 of the Program Outline (comparable to the Revised Program Outline, Section 16.6), which provides:

Defaulting SCO Suppliers will be required to reimburse Columbia for any incremental costs incurred. Any such incremental costs not recovered from defaulting SCO Suppliers by Columbia will be included in the CSRR.

- g. Since the inception of Columbia's Standard Service Offer ("SSO") program, identify the date of each default by an SSO Supplier.
  - i. As to each event of default, identify the supplier default expenses incurred by Columbia other than the compensation to non-defaulting SSO Suppliers.
  - ii. As to each event of default, identify how Columbia recovered the supplier default expenses incurred by Columbia other than the compensation to non-defaulting SSO Suppliers.
    - aa. Identify the provision of the program outline then in effect under which the supplier default expenses were recovered.
    - bb. If no defaults have occurred since the inception of Columbia's SSO, identify the provisions of the program outline then in effect how Columbia would have recovered supplier default expenses incurred by Columbia other than the compensation to non-defaulting SCO Suppliers
- h. Considering that "[a]ny funds remaining at the end of each SCO Program Year will be transferred to the CSSR," identify the effect a transfer of a positive balance to the CSSR will have on:
  - i. SCO Customers' bills, and
  - ii. CHOICE Customers' bills,

assuming that all other variables that could affect the customers' bills remain constant.

i. Considering that "[a]ny funds remaining at the end of each SCO Program Year will be transferred to the CSSR," will the transfer of a positive balance to the CSSR decrease SCO and CHOICE Customers bills, assuming that all other variables that could affect the customers' bills remain constant?

- j. Provide the "applicable NiSource Inc. and Subsidiaries Money Pool Rate" for each of the past 24 months.
- k. Do CHOICE Suppliers currently pay the same or similar deposit?
  - i If so, provide the reference to the appropriate tariff provision or any other document providing for the deposit.
  - ii. If not, state why not.
- 1. Does Columbia currently anticipate that CHOICE Suppliers will be required to pay the same or similar deposit?
  - i. If so, state when Columbia anticipates making such charge applicable to CHOICE Suppliers.
  - ii. If not, why not?

#### Response:

- a. As used in the Stipulation, "Deposit" means a cash payment equal to ten cents per Mcf multiplied by initial estimated annual delivery requirements for the SCO Program Year of the tranches won by that SCO Supplier. This security will be used to provide a liquid account to meet supply default expenses incurred by Columbia other than the compensation to non-defaulting SCO Suppliers.
- b. No.
- c. Objection. The question calls for speculation. Columbia will not know what supply default expenses it will incur until there is a supply default.
- d. There have been no SCO Supplier defaults during the brief period this program has been in place.
  - i. Not applicable.
  - ii. Not applicable.
- e. No.

- f. Objection. This data request calls for speculation.
- g. There were no SSO Supplier defaults.
  - iii. Not applicable.
  - iv. Not applicable.
    - aa. Not applicable.
    - bb. Objection. This data request calls for speculation.
- h. Objection. This data request calls for speculation. Without waiving its objection Columbia states that any change resulting from a transfer of positive balance, would be reflected equally as credit per Mcf on SCO and CHOICE customers' bills because the CSRR applies to both classes of customers.
- i. Yes.
- j. See the attachment hereto.
- k. Objection. This data request is ambiguous and vague because "the same or similar deposit" is not specific or defined.
- I. Objection. This data request is ambiguous and vague because "the same or similar deposit" is not specific or defined.

#### **CERTIFICATE OF SERVICE**

The undersigned hereby certifies that a true copy of the foregoing *Direct Testimony of Randy Magnani on Behalf of Hess Corporation* was served by electronic mail this 30<sup>th</sup> day of November, 2012, upon the following.

#### /s/ Dane Stinson

#### Dane Stinson

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in

Case No(s). 12-2637-GA-EXM

Summary: Testimony of Hess Corporation electronically filed by Mr. Dane Stinson on behalf of Hess Corporation