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Florida City Gas Confidential Index Test year Ended 12/31/2009 B Maitre

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Confidential Index

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Company Name: Florida City Gas Docket No. 100003-GU Audit Purpose: Purchase Gas Adjustment

Date: 05/17/2010

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Question:

Please ask them to explain why they are only using the beginning of the month prices and not including the gas daily prices to make an average cost. Why should the OSS sales be the only ones to get the benefit of the gas daily pricing.

Please make them aware that they can use the lower of FULLY DISTRIBUTED costs or market.

They may want to figure out what the fully distributed cost is and this would go away.

Response:

FCG has multiple supply needs, including (1) Base Load Gas, which represents a sales and purchase commitment for each day of the entire month and is nominated prior to the beginning of the month, and flows every day during the month, and (2) Swing Gas, which flow only as needed during the month, and is nominated the day before it is needed. Because of the difference in obligations of both the supplier and the purchaser of these two services, they are priced differently. Base load supply is priced at flat first-of-themonth indices as published in *Inside FERC*. The volumes that are purchased by Sequent to meet FCG's base load needs are specifically based on the volumes communicated to Sequent by FCG's Gas Control during bid week prior to the start of the next month. FCG, like most utilities and end-users of gas, cannot predict with certainty their full system requirements in any given month before the month begins; however, in the case of the test month (May 2006), baseload purchases represented approximately 97.5% of its total monthly usage. Thus, to meet its swing gas requirements above and beyond what Gas Control predicted its base load needs to be, Sequent purchases additional gas for the utility on a daily basis in the swing or daily market as requested by Gas Control. For all of the swing requirements, the commodity is priced at flat Gas Daily average as published in Gas Daily for that day.

Regarding OSS, Sequent credits the FCG's book with sales made to third parties (offsystem sales, or OSS) at the time FCG upstream firm transportation on Florida Gas Transmission is available to make such sales. If such transportation is only available on a daily basis, as in the case of the test month (May 2006), then Sequent will make sales to third parties on a daily basis and make purchases on a daily basis. Sequent makes no profit on gas daily sales directly to FCG.

Source: Request | from PY Auclit Confidential

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<u>Request</u>

Please provide additional explanation in support of FCG's and Sequent's current gas procurement practices. In particular, explain further market pricing and Sequent's actual cost of gas.

<u>Response</u>

Market Price and Cost of Gas

Through the process of responding to Staff's inquiries about Sequent's actual cost of pas and the market price of gas, we believe it is now important to clarify the definition of these terms. Market price of gas can be simply described as the appropriate Index price associated with the type of purchases made by FCG (baseload and daily swing purchases). For monthly baseload purchases, market price is the price published in the Inside FERC's Gas Market Report associated with the appropriate location of delivery. In FCG's case, the locations are Florida Gas Transmission Zone 1, 2, and 3. For daily purchases made by FCG, the market price of gas is the price published in *Platt's Gas* Daily publication on the specific day of gas flow associated with the specific day that FCG placed an order for incremental gas supplies as well as the specific location, Florida Gas Transmission Zone 1, 2, and 3. It is very important to match the Inside FERC price with the baseload volumes for each month to determine the market price for baseload gas and to match the specific Gas Daily price with the specific days and volumes associated with FCG's daily purchases to determine the market price of gas. One cannot average the daily prices with the baseload prices to determine an "average" market price. Simple averages are not accurate representations due to the fact that the appropriate index price must be matched with the quantity of monthly or daily purchases. If all purchases were ordered by FCG on a daily basis, market price would be the appropriate Gas Daily price on the day the gas was ordered for all the volumes. If all purchases were ordered by FCG on a monthly baseload basis, the market price would be the appropriate Inside FERC price for the month in which the gas was ordered.

In the responses to-date, Sequent has analyzed the test month of May 2006. Due to the fact that FCG ordered for the statistic of the month on a baseload basis and only for its volumes on a daily swing basis, we focused our earlier efforts on comparing the monthly Index prices (market prices) to Sequent's actual costs of gas for monthly delivery. Our detailed response includes all invoices associated with Sequent's actual costs of monthly baseload supply. The analysis of this data showed that Sequent's actual costs were for monthly higher than the market price charged to FCG. Clearly, FCG is receiving the lower of cost or market pricing. In looking at the remaining for gas purchased by FCG on a daily basis, an additional daily analysis (See Attachment III) shows that Sequent's actual costs on the specific days that FCG ordered incremental daily purchases was for greater than the costs invoiced to FCG for such daily purchases.

p2

If Sequent were to add its overhead costs to this analysis, Sequent's costs would have been even higher. If we allocated Sequent's overhead costs (salary, general & administrative costs) to FCG on the basis of Sequent's gross margin (See Attachment IV), an additional to FCG on the basis of Sequent's gross margin (See Attachment IV), an additional to FCG over the entire year of 2006. Sequent's management activity for FCG resulted in **Sequent** to Sequent in 2006. Sequent's total gross margin in 2006 was **Sequent's**. Consequently, gross margin associated with asset management activity for FCG amounted to **Sequent**'s total gross margin. As Sequent's total operating expenses in 2006 were **Consequent**, a calculated allocation to FCG would be **Sequent**.

Translating this **Translating** total dollar amount to an increase to the price of gas would amount to an additional with per Dth of gas sold to FCG for every Dth sold to FCG in 2006. This calculation is made by taking the of annual costs that could be th sold to FCG by Sequent in 2006. This allocated to FCG divided by per Dth, if allocated to FCG's May 2006 invoices would have additional amounted to an additional in costs Dth) that Sequent would allocate to FCG. Sequent does not allocate any of these costs to FCG. If Sequent did allocate these costs to FCG, total FCG costs in the test month of May 2006 would be higher costs for monthly baseload supply, and the in higher costs for daily ' in purchases). Consequently, FCG is receiving the lower of fully distributed costs or market prices.

Natural Gas Industry Fundamentals and FCG's Gas Purchasing

The following description provides an overview of how gas is priced in the natural gas industry as well as a discussion of how gas is ordered by FCG.

Approximately one week prior to the beginning of each month, natural gas market participants initiate their purchase and sales action plans for the upcoming month's business on a first-of-the-month (FOM) basis for baseload supplies (baseload supplies are those which an entity projects its upcoming monthly demand to encompass and requires gas to be purchased and sold for the same quantity at the same price for every day of the month; this is in contrast to swing supplies, which constitute incremental supplies to baseload that are needed on a daily basis after the month begins). This activity cycle is commonly referred to as 'bid week' in the natural gas industry. As a result of that activity, FOM indices begin to develop during "bid week" at points across the natural gas marketplace. These indices, which are published in such periodicals as Inside FERC, are indicative of the market-clearing price structures to which buyers and sellers transact and are used as the basis for pricing baseload purchases and sales. Therefore, index may be translated into 'market' pricing. Once the month begins, FOM pricing is no longer available to market participants. Gas pricing is then determined on a daily basis with daily pricing structures (e.g., Gas Daily published pricing), and may constitute pricing that is higher or lower to FOM pricing (See Attachment V, GDD/IFERC Comparison Summary FY 2005 and 2006).

Sequent's monthly gas procurement methodology for the account of FCG encompasses a straightforward process. Prior to the beginning of any given month, FCG communicates its monthly estimated baseload requirements to Sequent. In response to that communication, Sequent then goes into the open market and purchases gas supplies from a variety of sources and vendors that will match the FCG purchase order. As such the FOM index defines the "market" pricing for monthly baseload supply. Additionally, Sequent will only purchase baseload supply that corresponds to a baseload purchase order by FCG. It is important to note that Sequent does not purchase incremental daily supplies at the time that it makes baseload purchases, in anticipation of the movement of market pricing which may occur after the first of the month. To do so would indicate that Sequent "speculates" on the price of natural gas in the market, which it does not. Simply stated, Sequent matches baseload purchases with baseload requirements for the account of FCG. Also, Sequent may often be required to pay premiums (index-plus) on a particular package of gas in order to secure the volume for FCG. Although Sequent may pay a premium, FCG is only charged on an "index-flat" basis for that specific purchase point by Sequent. As such, Sequent incurs a loss, which may be offset by subsequent asset management activity performed by Sequent during the month, i.e., optimization of any unused FCG firm transportation capacity.

During the month, as FCG experiences incremental or reduced gas demand, the utility communicates that information to Sequent in the form of additional purchases from Sequent or sales back to Sequent. In an effort to fulfill that additional requirement, Sequent will purchase supplies on a daily basis from a variety vendors from the locations specified by FCG. The pricing for all additional daily gas is priced using a Platt's Gas Daily publication price. Sequent's actual cost of daily gas may be modestly above or below this Gas Daily price.

When viewing the principle issue of market vs. cost for the above, it is important to bear in mind key aspects of Sequent's purchase model practices: (a) Sequent aligns purchases with corresponding sales to FCG as requested on both an FOM and daily basis; (b)FCG is not charged a premium over the FOM index price nor the applicable daily index price; and (c) Sequent does not purchase gas supplies in anticipation of either market pricing or FCG non-baseload requirements; Sequent does not speculate in the marketplace.

Given the above, it is not appropriate to 'blend' or average an FOM supply price with that of a daily price. FOM pricing and daily pricing must be kept separate and distinct and may only be compared to actual costs associated with the specific volumes ordered by FCG for monthly baseload and daily swing supplies.

As a final analysis, Sequent wanted to address the issue of how Gas Daily prices compare to Inside FERC prices over the last 2 years (2005 and 2006). This should address Commission Staff's question regarding whether daily prices (Gas Daily) are lower than monthly prices (Inside FERC). The two attached graphs (See Attachment V) show that in some months daily prices (blue color) are higher than monthly prices (pink color) and in some months daily prices are lower than monthly prices. We used the location of Florida gas Transmission Zone 1 as the location for this analysis as a large portion of FCG's

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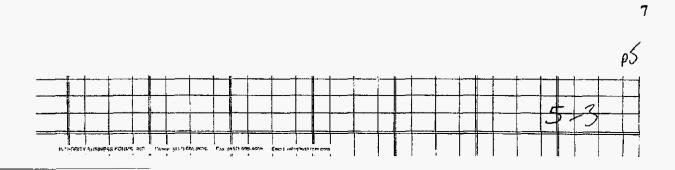
supply is purchased in this zone. There is no way to predict when daily prices will be higher or lower than monthly prices. To do so would involve price speculation as no one can determine in advance if daily prices will be higher or lower than monthly prices. This would be analogous to being able to conclusively predict how the stock market would perform in advance.

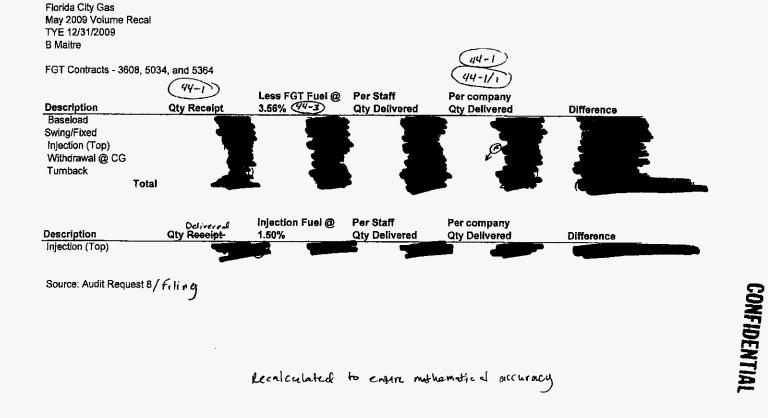
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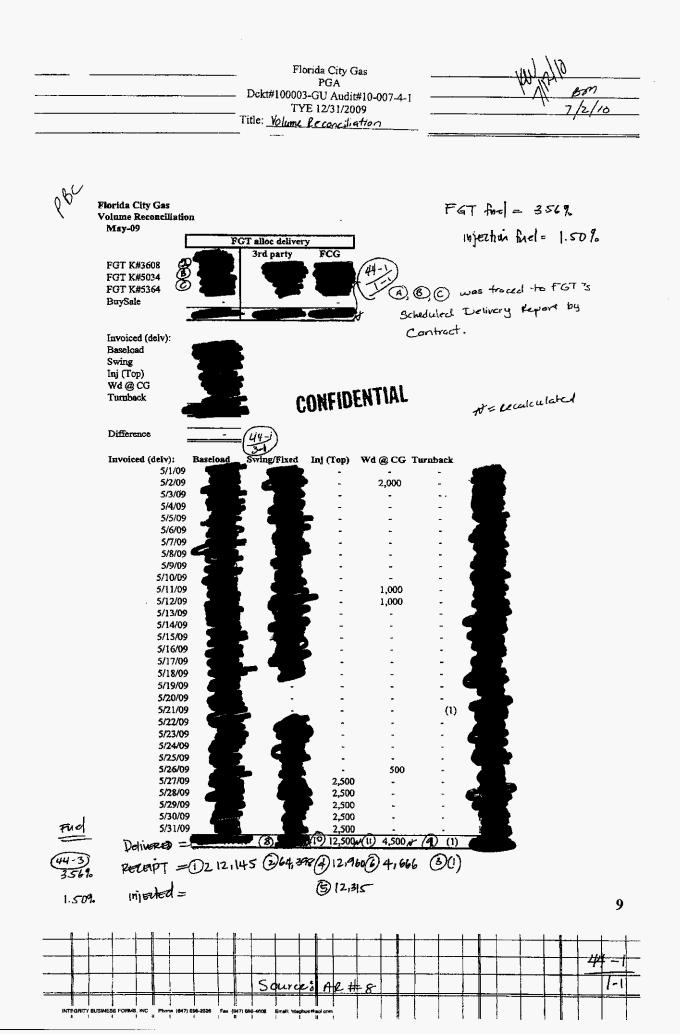
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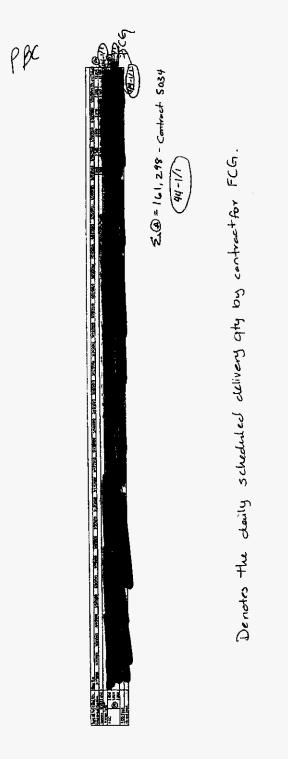
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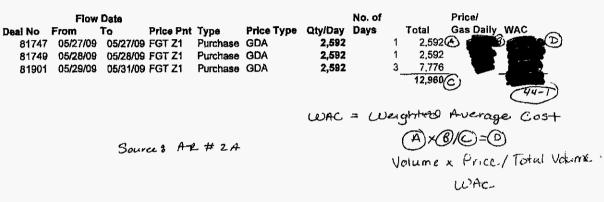
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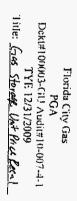
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Florida City Gas Gas Storage Purchase Unit Price Recal TYE 12/31/2009 B Maitre

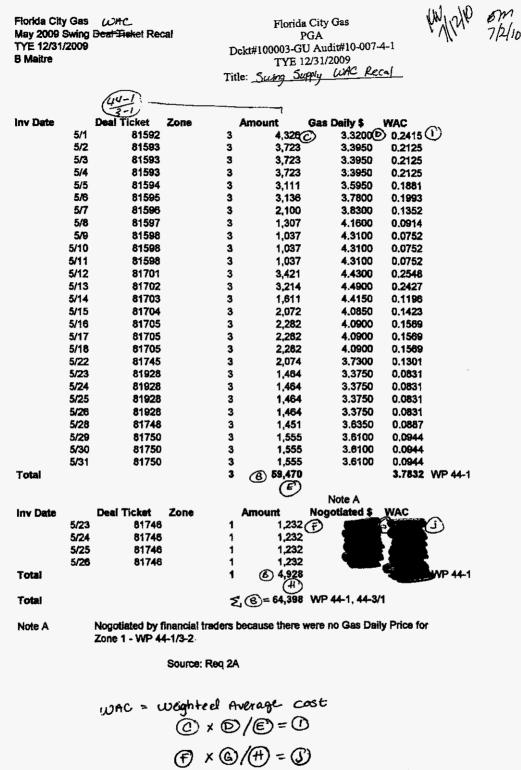


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Volume × Price / Total Volume= WAC

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	/2		L.	81593	3723	(0)	3
	/3			81593	3723	(0)	3
	/4			81593	3723	(0)	3
	/5			81594	3111	(0)	3
	/6	·		81595	3136	(0)	3
	7		_	81596	2100	(0)	3
	/8		- L.,	81597	1307	(0)	3
	/9			81598	1037	(0)	3
5/1				81598	1037	(0)	3
5/1				81598	1037	(0)	3
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5/*				81705	2282	0	3
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Compares Dolivery amount to Deal Tickets by day.

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Florida City Gas Deal Sheet Rec TYE 12/31/2009 B Maitre

					•	Revised		W-4-1		Observed		
Deel No			Date	Original	Price Type	 dtb/day	# of Davs	Total Volume	Type	Changed Price Pnt	Description	
Deal No Source: reg#2+t 44-1	81749 81901 81928 81928 81592 81593 81594 81595 81596 81596 81596 81597 81598 81701 81702 81703 81704 81705 81746 81748	From 05/27/09 05/28/09 05/28/09 05/28/09 05/28/09 05/02/09 05/02/09 05/02/09 05/02/09 05/08/09 05/08/09 05/08/09 05/12/09 05/12/09 05/12/09 05/12/09 05/12/09 05/12/09 05/12/09 05/12/09 05/12/09 05/22/09 05/28/09 05/29/09	To 05/27/09 05/28/09 05/28/09 05/25/09 05/05/09 05/01/09 05/05/09 05/06/09 05/07/09 05/08/09 05/12/09 05/12/09 05/12/09 05/13/09 05/13/09 05/14/09 05/14/09 05/14/09 05/22/09 05/28/09	Price Prit FGT Z1 FGT Z1 FGT Z1 FGT Z3 FGT Z1 FGT Z1	Price Type GDA GDA GDA GDA GDA GDA GDA GDA GDA GDA		* of Days 1 1 3 3 1 1 3 1 1 1 1 1 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 3 1 1 1 1 3 1 1 1 1 3 1 1 1 1 1 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1	Volume	Type Storage Storage Storage Purchase P	FGT Z3 FGT Z3	Description Bay Gas Storage Bay Gas Storage \mathcal{F} 12, 960 Bay Gas Storage \mathcal{F} 12, 960 Bay Gas Storage \mathcal{F} 12, 960 Bay Gas Storage \mathcal{F} 12, 960 Swing Relates to 81746 Swing Swing Swing Swing Swing \mathcal{F} Swing Swing S	Florida City Gas PGA Dokt#100003-GU Audit#10-007-4-1 TYE 12/31/2009 Title:

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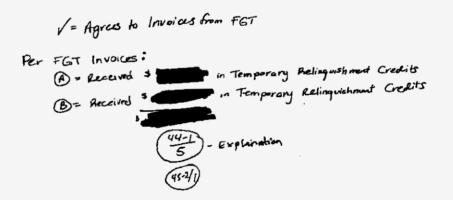
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05	1 4/20 09 Th	05/14/2009 Th			GD	*	•	4.38000000	
05	1 5/2009 Fr	05/15/2009 Fr			0D	*	•	4.04500000	
05	11 8/2009 Mo	05/18/2009 Mo			GD	•	•	4.02000000	
05	M 9/2009 Tu	05/19/2009 Tu			GD	-	•	4.00000800	
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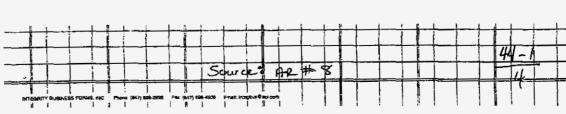
Florida City Gas JU πu PGA BM Dckt#100003-GU Audit#10-007-4-1 TYE 12/31/2009 7/2/10 PBC Title: Transportation Demand Fee

Pipeline	Contract#	Contract comments	Service	MDO , Rate Type	Rate	Amount A/E
FGT	3608	Contra Port on Children	FTS-2	168,330 Transport Demand Rate		
FGT	3608		FTS-2	Special Fuel Surcharge	5	- 46-
FGT	5034		FTS-I	640,398 / Transport Demand Rate	S S S S	^^ € €
FGT	5034		FTS-1	Special Fuel Surcharge	5	120
FGT	5364		FTS-2	110,670, Transport Demand Rate		A Con
FGT	5364		FTS-2	Special Fuel Surcharge	5	
BGSC	0042	مشاقعه وق	Shoroge Change	150,000 Transport Demand Rate	Second S	
BGSC	0042			Property Tax Allocation	~ \$	- Á

invoices attached

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Florida City Gas PGA Dckt#100003-GU Audit#10-007-4-1 TYE 12/31/2009 Title: Seq house 0.3 A

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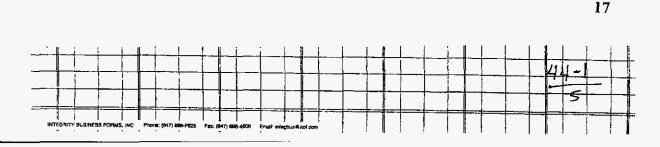
Request No. 9

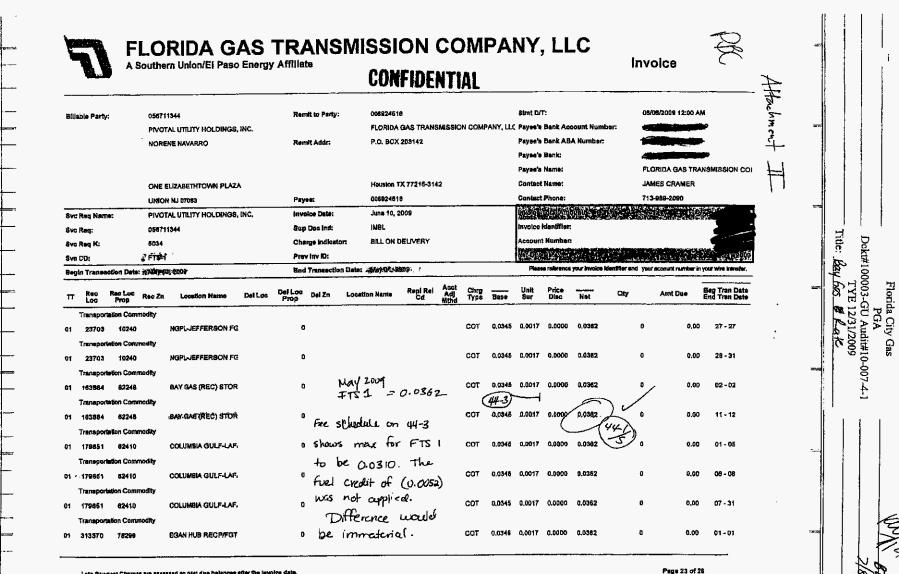
- 1. There is no Zone 1 Gas Dally Midpoint Price for May 23-26, please show and explain how the price of the was computed for the Swing Volume of 4,928 for the May 2009 Sequent Invoice Gas Dally that aren't published are negotiated and estimated by our financial traders and put into Endur. I would use that rate to invoice FCG. I've attached a print screen of the rate used in Endur. (Attachment I) (44-1/3-1)
- 2. The FTS-1 transportation rate of \$0.0362 for Bay Gas injection on the May 2009 Sequent Invoice does not agree with the schedule of transportation rates provided. Please explain why. I couldn't go back to May2009 on the EBB to find out the rate at the time but I've attached the May 2009 FGT invoice showing the FTS-1 rate showing 0.0362 (Attachment II) (44-1/6)
- 3. The back up for the Demand Charge on the May 20009 Sequent Invoice shows Temporary Relinguishent Credits for Contracts 5034 and 5364. Please explain why the credit was not included in the Demand Change calculation. Theses are capacity releases that are reflected on the Annual filings. For the month of May 2009 there were "Temporary Relinquishment Credits" totaling

. (Attachment III) 45-2/1

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Source: Log # 9.





Lete Payment Charges are assessed on plat due balances effor the involce date. Shippers may voluntify choose to configure to GRI, All contribution payments must be alcerty and apacificatly marked as "GRI Onnivoutions", and the GRI Polycet(s) or Project Ancepta, be a financed must be buildeded an the payment datall, which should be faunt to your Ges Legistics Representent

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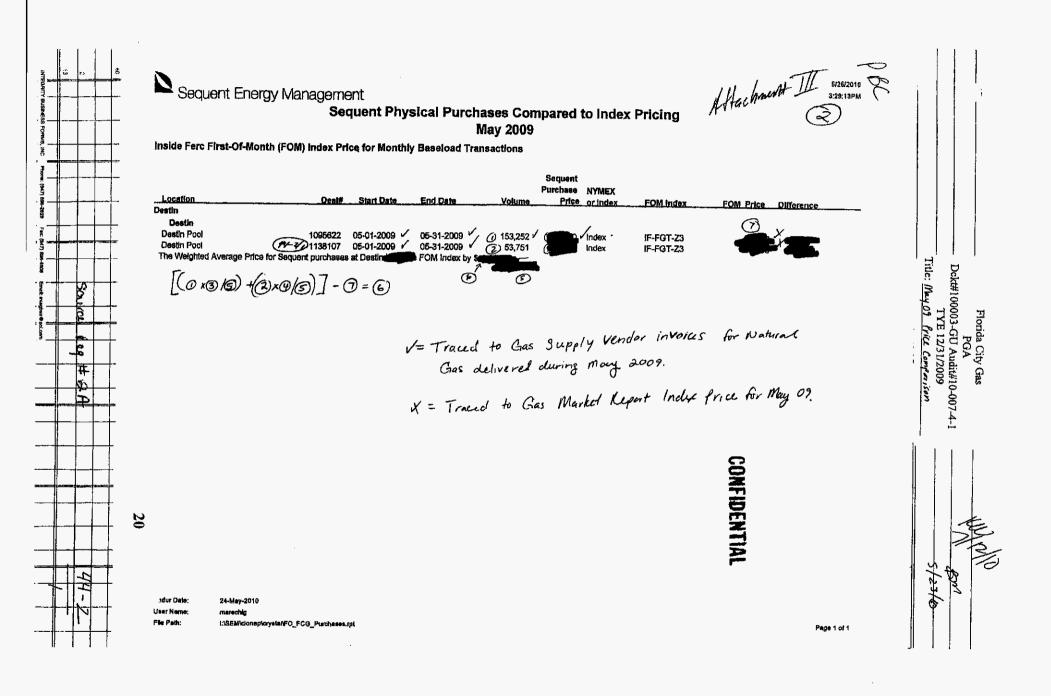
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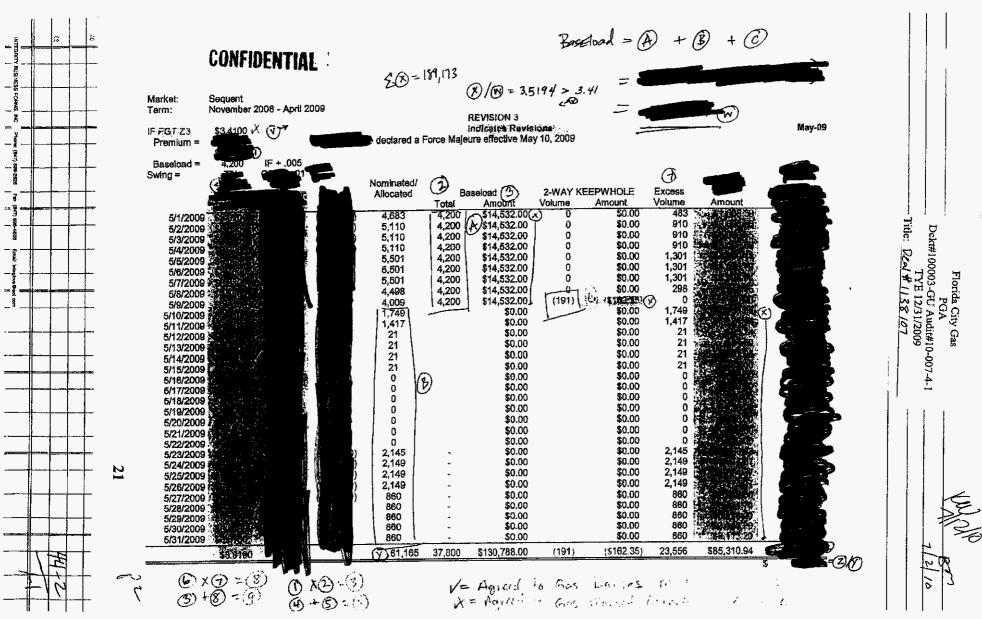
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plat			IDENTIAL		www.pla	tts.c
ebu			s Marke	et R) ^ May 2
	livered to Pipelines, May 1 (per Range Index V	MMBtu) olume Deals			ndex Volume	Deat
ANR Pipeline Co.	\$3.28 to \$3.35 \$3.34	174 25	Orieck Gas Transportation 1 Oklahoma	\$2.66 to \$2.88	\$2.73 130	33
Couisiana Oklahoma	\$2.54 to \$2.71 \$2.63	174 30	Universiting	72.00 W #2.00		
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CenterPoint Energy day	\$2.62 to \$2.82 \$2.71	290 69	 Texas, Oklahoma (mainline) 	\$2.52 to \$2.84	\$2.58 952	189
			Questar Pipeline Co.			
Colorado Interstate Ga Rocky Mountains	\$2.18 to \$2.41 \$2.30	117 25	- Rocky Mountains	\$2.25 to \$2.58	\$2.46 89	15
			Southern Natural Gas Co.			
Columbia Gas Transmit Appalachia	ssion Corp. \$3,55 to \$3.62 \$3.58	451 73	Louisiana	\$3.24 to \$3.36	\$3.35 207	31
איושטיטערייס	40,00 to 40,02 40,00	102 10	Cauthan Charles	Pisalina inn		
Columbia Guit Transmit		100 04		\$2.60 to \$2.70	\$2.66 94	21
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			Tennessee Gas Pipeline Co		69.00 fr	
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~	Florida City Gas PGA Dckt#100003-GU Audit#10-007-4-1 TYE 12/31/2009 Title: <u>PLA(#1138/07</u>	44/21 ⁰ 7/2/10
6 <u>.</u>	დოოდ დაკდიკაქტიებენნ ა	BBBBBFFFBBBBBB

Request No. 4

PBC

Please explain how the volume and purchased price was derived for the second entry on the Sequent Physical Purchase Compared to Index Pricing May 2009 schedule. The amount can not be traced to the back up provided.

Mariner Energy invoice shows the total dth invoiced on Destin pipeline. They provided a detail which breaks down the baseload, gas daily and keepwhole. Please see attached to see the how the baseload matches Sequent Physical Furchase Compared to Index Pricing May 2009 schedule.

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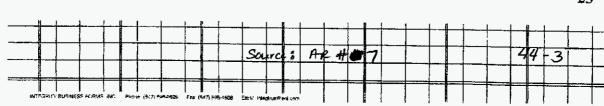
Florida City Gas	
PGA	-
Dckt#100003-GU Audit#10-007-4-1	
TYE 12/31/2009	-
Title: Transportation Rates	-

BM 7/2/10

FLORIDA GAS TRANSMISSION COMPANY, LLC MARKET AREA TRANSPORTATION RATES Effective May 1, 2009 RATES IN #/MMBTU Max. Incl. Maximum RATE SCHEDULE Rates Surcharges Q (44. FTS-1 38.55 © 40.55 ᢞ Reservation Ð, (44-1/6) 3.45 🕑 3.10 = Usage FTS-2 76.90 44-1/4 Reservation 76.90 0.70 B 0.35 = E (B) 44-1 Usage 84.20 SETS 80.55 NNTS 4,95 4.95 ITS-1 59.80 59,45 59.97 PNR 59.80 SURCHARGES 2.00 Capital Surcharge - FTS-1 (reservation) Capital Surcharge - SFTS 4.00 44-1/6) 0.17 (B) ACA (0.52) Unit Fuel Surcharge 0.00 Purchased Power Surcharge 3.56% (44-1/1 Fuel Quantities received & delivered in Market Area: Unit Fuel Surcharge 0.00 Fuel-Forwardhauis - 0.25% per compressor station, 3.56% subject to minimum of 0.25%, up to 0.25% Backhauls

PBC

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Florida City Gas PGA Dckt#100003-GU Audit#10-007-4-1 TYE 12/31/2009 Title: Extraction Program

24

PBC

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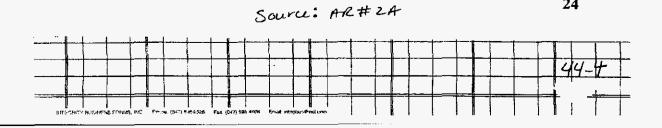
Request No. 2 A Item# 3:

Please provide all programs and a description of the criteria used to extract the transactions.

Response:

The Endur extraction report is driven by instructions to examine the universe of supply deals on FGT and pipes potentially able to serve FGT, taking into consideration each of the supply points on FGT or into FGT from upstream pipelines interconnecting with FGT for the period of May 2009. Endur is the name of the computer software that Sequent utilizes to capture all transaction activity. The program identifies where Sequent purchased base load natural gas quantities priced using Platt's Inside FERC Index for FGT zone 1, 2 or 3. The report details by each specific location at which supplies were purchased, the unique Endur deal number, start and end date (May 1, 2009 and May 31, 2009), actual flowed volume, Sequent's purchase price, FOM index description that applies to the point or upstream interconnecting pipeline (e.g., Inside FERC FGT, Zone 3), the Platt's Inside FERC FOM index flat price and the differential to the Sequent purchase price. If there is more than one deal number at a point the program computes the weighted average price for all volumes on that pipe/point combination.

Please see Attachment IV for a description of the code and the code itself that was developed to extract the transactions for the Sequent Physical Purchases Compared to Index Pricing for May 2009 Report.



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Cros Dailies one Removed.

FCG Purchase Report Code Description

Query Criteria:

The report retrieves physical deals for a given date range -in particular the report was run for May 2009- for the following pipelines:

- Cypress Natural Gas LLC

- Destin

- Florida Gas Transmission Company
- High Island Operating System
- Northern Natural Gas Company (only MOPS/Matagorda locations)
- Southern Natural Gas Company (only MOPS/Matagorda locations)
- UTOS
- Bay Gas Storage
- MOPS NNG

In addition, the following rules must be met:

- 1. It must be a purchase
- 2. The deal has activity during the whole month

3. The purchase price is either Nymex or Inside Ferc -neither Fixed nor Gas Daily deals are taken into account-

It compares the weighted average paid price in a given location to the price of the corresponding Florida Gas zone.

Exclusions:

The report excludes the following locations(pipeline):

- NGPL Vermillion (Florida Gas Transmission)
- CS #8 Zachary (Florida Gas Transmission)
- CS #11 Mount Vernon (Florida Gas Transmission)
- WC 205 (Northern Natural Gas)

As well as the following deals:

167245,199413,200213,218302,297358,392000,392001,351241,390121,371470,389147, 395122,397589,403153,406512,406528,

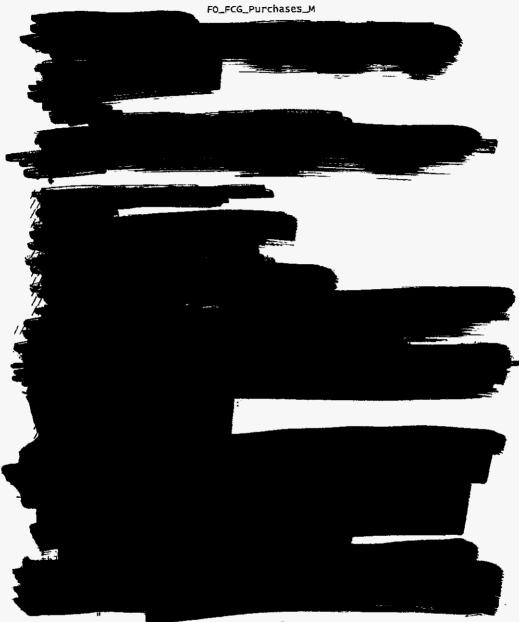
429538,437296,451813,472691,475438,478212,486294,489498,517728,517729,559003, 573168,573276,587359

Deals with pipelines Northern Natural Gas or Southern Natural Gas are compared to Inside Ferc's FGT Zone 1, and deals with locations having ANR Lousiana as their FOM index are compared to Inside Ferc's FGT Zone 2, and to Inside Ferc's FGT Zone 3 for locations using Transco Zone 4 as FOM index.

Source: AK#2A

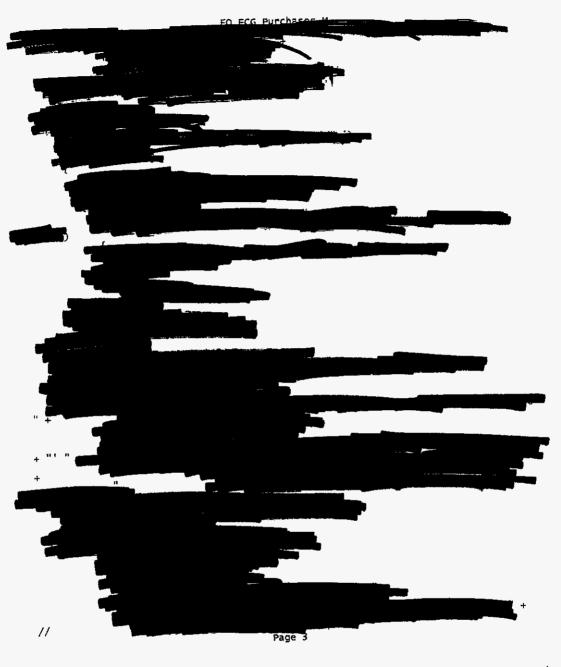


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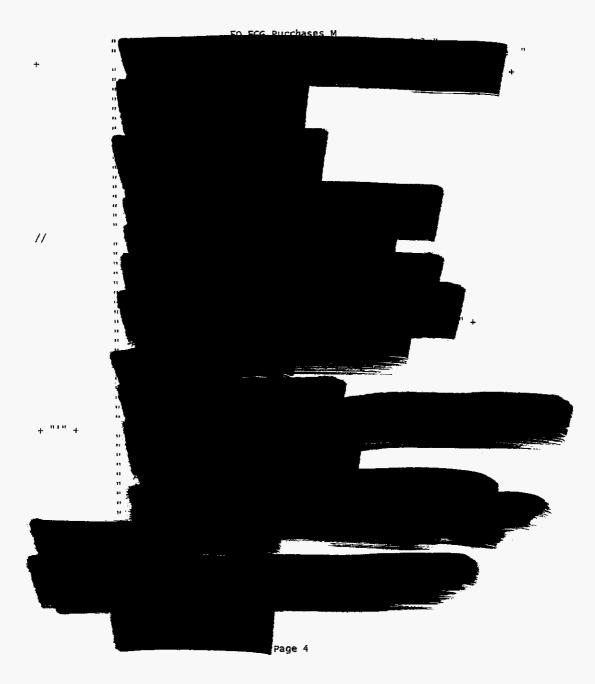


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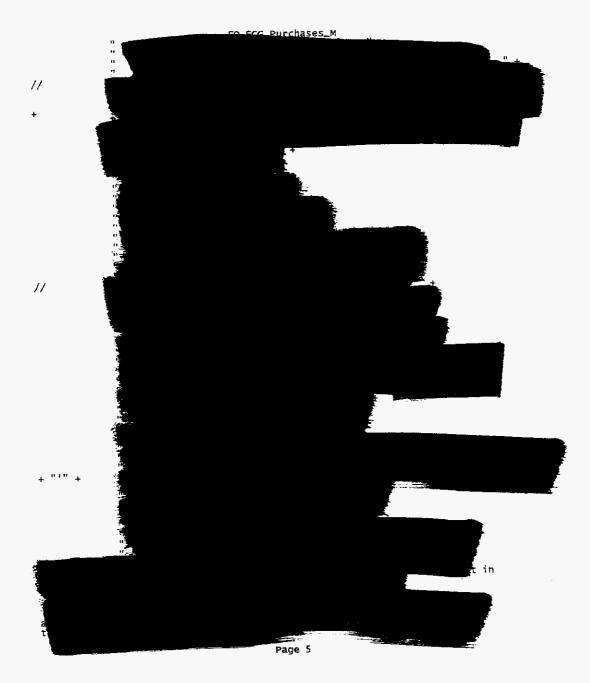
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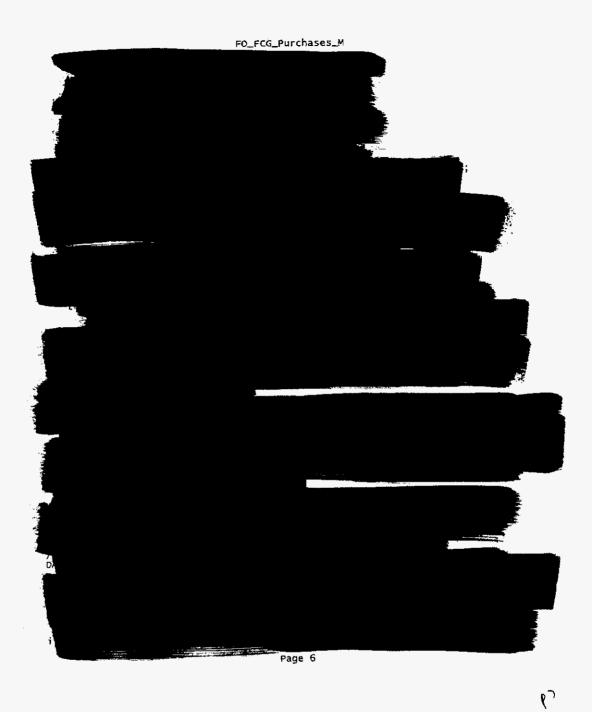
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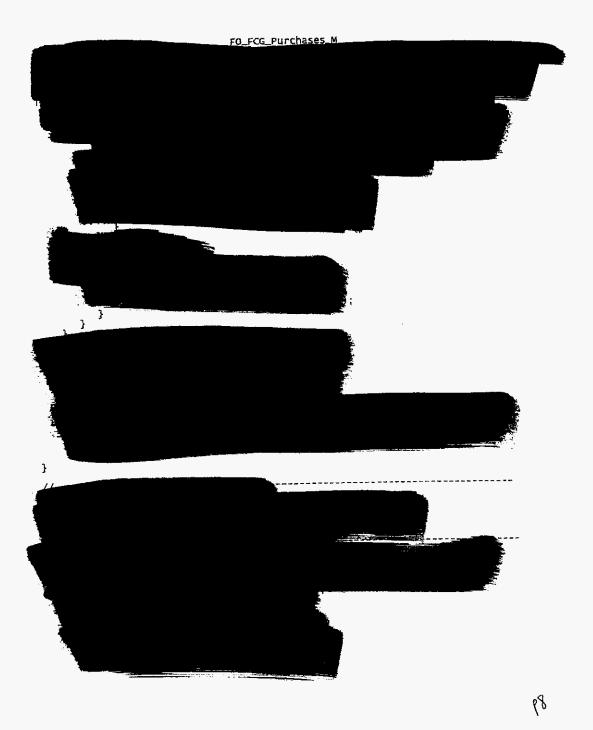


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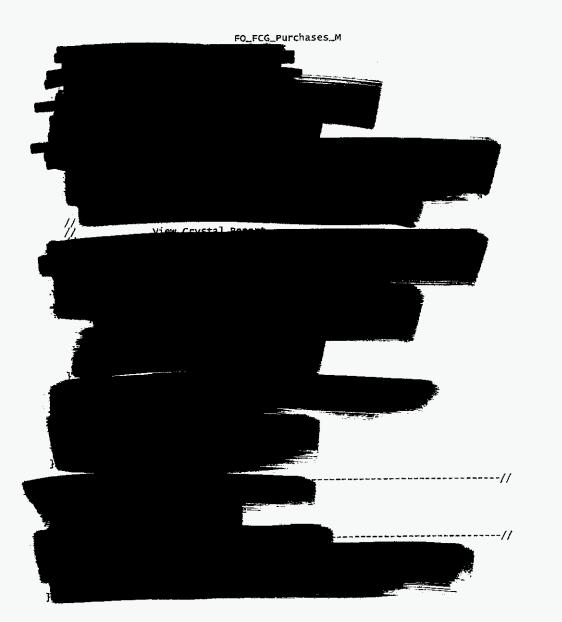




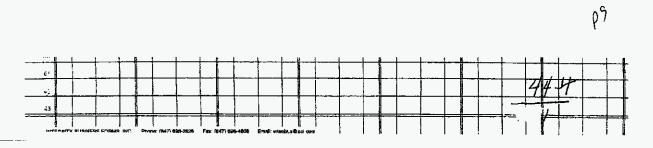
• Florida City Gas PGA Dckt#100003-GU Audit#10-007-4-1 TYE 12/31/2009 Title: <u>Extraction flogram</u> ND 5123/10

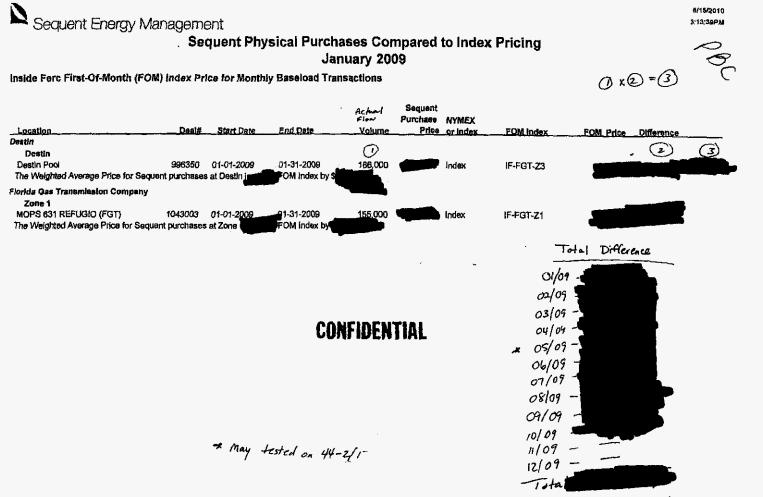
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FOM Price higher than Sequent for the YR.

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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing February 2009

Inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

Location	. Deal#	Start Date	End Date	Volume	Sequent Purchase Price	NYMEX	FOM Index	FOM Price Difference
Destin Destin Destin Pool The Weighted Average Price for Sec	896350	02-01-2009	02-28-2009 FOM Index by	168,096		Index	if-fgt-z3	
Florida Gas Transmission Company Zone 1 MOPS 631 REFUGIO (FGT) CS #7 Eurice The Weighted Average Price for Sec	1088164 1070780	02-01-2009 02-01-2009 at Zone 1	02-28-2009 02-28-2009 FOM Index by	56,952 33,652	E	Index Index	if-FGT-Z1 if-FGT-Z1	

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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing March 2009

Inside Fere First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

Location	Desi#	Start Date	End Date	Valume .	Sequent Purchase Price	NYMEX	FOM index	FOM Price	Difference
Pestin									
Destin Destin Pool The Weighted Average Price for Seque	996350 Int purchases	03-01-2009 at Destin	03-31-2009 FOM Index by	166,838		Index	IF-FGT-Z3		
Florida Gas Transmission Company Market Area C.G. FGT The Weighted Avarage Price for Seque	1109927 Int purchases	03-01-2009 s at Market Area i	03-31-2009 FOM index by	548		Index	IF-FGT-Z2	30000	

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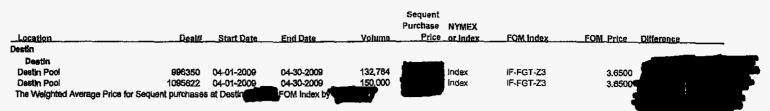
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Sequent Physical Purchases Compared to Index Pricing April 2009

Inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions



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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing May 2009

inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

Location	Deal#	Start Date	End Date	Volume	Sequent Purchase Price		FOM index	FOM PriceDifference
Destin Destin Destin Pool Destin Pool The Weighted Average Price for Seque	1095622 1138107	05-01-2009 05-01-2009	05-31-2009 05-31-2009 FOM Index by	153,252 53,751	8	index	IF-FGT-Z3 IF-FGT-Z3	

V= Agreed to the Platts Index on the Gas Market Report

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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing

Inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

	Deal#	_Start Date	End Date	Volume	Sequent Purchase Price	NYMEX or index	FOM Index	FOM Price	Difference
Destin Destin Destin Pool Destin Pool Destin Pool The Weighted Average Price for Sequer	1095622 1138107	06-01-2009	06-30-2009 06-30-2009 FOM Index by	148,736 59,980	*	index Index	if-fgt-z3 if-fgt-z3	3.6200 3.6200	
Florida Gas Transmission Company Market Area C.G., FGT The Weighted Average Price for Sequer	1189872 nt purchases	06-01-2009 at Market Area	06-30-2009 isatelit FOM Index b	945 y 1997		Index	IF-FGT-Z2	3.5500	

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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing

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Inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

					Sequent Purchase	NYMEX			
Location	Desl#	Start Date	End Date	Volume	Price	or Index	FOM Index	FOM Price	Difference
Destin									
Destin									
Destin Pool	1095622	07-01-2009	07-31-2009	154,345		Index	IF-FGT-Z3	4,1300	A Company of the local day
Destin Pool	1138107	07-01-2009	07-31-2009	135,908		Index	IF-FGT-Z3	4.1300	200 Charles
The Weighted Average Price for Seque	int purchases	s at Destin Is 👊	FOM Index by		-				(all all all all all all all all all all
Florida Gas Transmission Company									
Market Area									
	1200046	07-01-2009	07-31-2009	124		Index	F-FGT-Z2	3,9800	
C.G. FGT						Index	N -1 (31-22	3.8000	
The Weighted Average Price for Seque	int purchases	at Market Area	IS CHINE FOW INDEX I	Dy Contractor					

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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing August 2009 August 2009

Inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

Location	Deal#	Start Date	End Date	Volume	NYMEX	EOM Index	FOM Price Difference
Destin							
Destin							
Destin Pool	1095622	08-01-2009	08-31-2009	154,776	Index	IF-FGT-Z3	
Destin Pool	1138107	08-01-2009	0B-31-2009	114,358	Index	IF-FGT-Z3	Charles Charles
The Weighted Average Price for Seque	ent purchases	at Destin is abo	ve FOM Index by				

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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing September 2009

inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

Location	Deal#_	Start Date	End Date	Volume	Sequent Purchase <u>Prica</u>	NYMEX	FOMIndex	FOM Price Difference
Cestin								
Destin Destin Pool Destin Pool	1095622 1138107	09-01-2009 09-01-2009	09-30-2009 09-30-2009 FOM Index by	150,000 55,524	-	Index Index	if-fgt-z3 if-fgt-z3	
The Weighted Average Price for Se	quent purchases		POW meax by					

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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing October 2009

inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

					Sequent Purchase	NYMEX		
Location	Deal#	Start Date	End Date	Volume	Price	or Index	FOM Index	FOM Price Difference
Destin								
Destin				454 455		b	IF-FGT-Z3	
Destin Pool	1095622	10-01-2009	10-31-2009	154,423		Index		
Destin Pool	1138107	10-01-2009	10-31-2009	21	6 - 19 6	Index	IF-FGT-Z3	
The Weighted Average Price for Seque	ant purchases	at Destin is	FOM Index by \$					

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Sequent Energy Management Sequent Physical Purchases Compared to Index Pricing

November 2009

Inside Ferc First-Of-Month (FOM) Index Price for Monthly Baseload Transactions

Location	Deal#	Start Date	End Date	Vokume	Sequent Purchase Price	NYMEX _or index	FOM Index	FOM Price Difference
Destin Destin Destin Pool The Weighted Average Price for Seque	1266140 nt purchases	11-01-2009 at Destin Istic	11-30-2009 FOM Index by	38,471		Index	IF-FGT-Z3	-



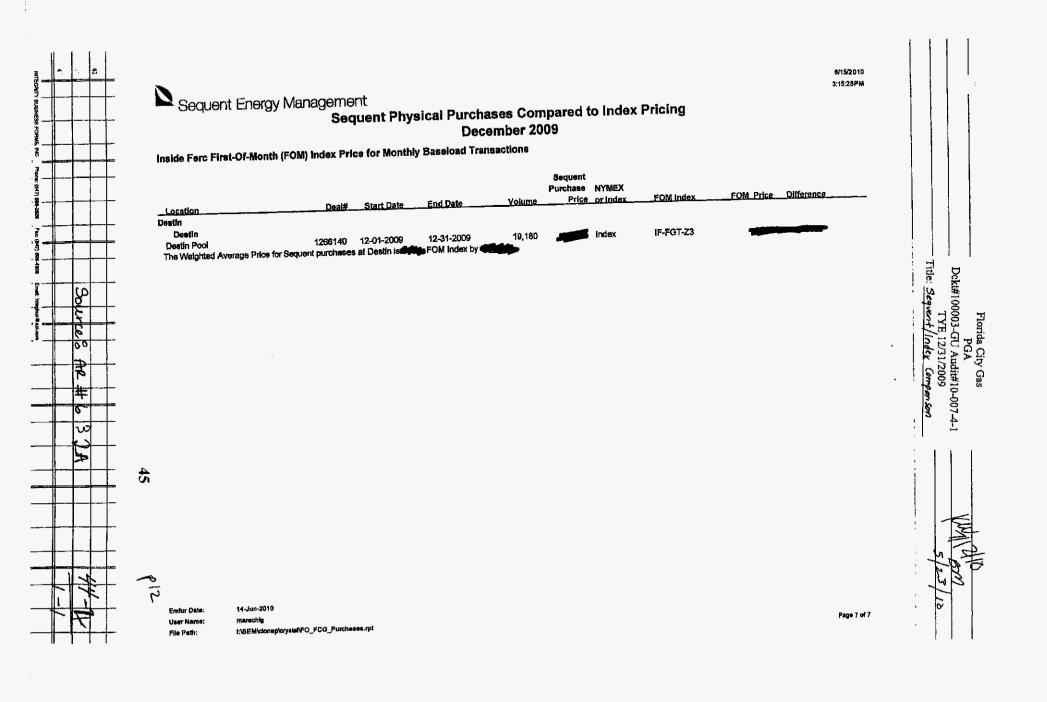
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FLORIDA CITY GAS MAY 2009 - ACTUAL VS MARKET TYE 12/31/2009 B MAITRE

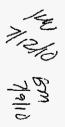
Price 2	Cone Pipeline	Actual Volume Cost	Buy/Sell Counter	Actual Market Darty WAC WAC Difference
WAC	1 FTG 1 FTG 1	52,142 18,307 70,449	Buy SEM-LE Buy SEM-LE	
WAC	2 FTG 2	93,713 93,713	Buy SEM-LE	44-2
WAC	3 FTG 3 FTG 3 FTG 3	12,500 269,961 66,309 348,770	Buy SEM-LE Buy SEM-LE Buy SEM-LE	······································
(44-1)	·			<u> </u>
Market Price 2	Zone Volume	Market WAC	Market Price Zone	Market Volume WAC
3.2800 3.4630 WAC	3 60,091 3 4,928 3 65,019	3.0314 0.2625 3.2939	3.4100 3.7832 WAC	3 71,260 1.8588 3 59,470 1.7210 3 130,730 3.5798

Source: Lep#2A

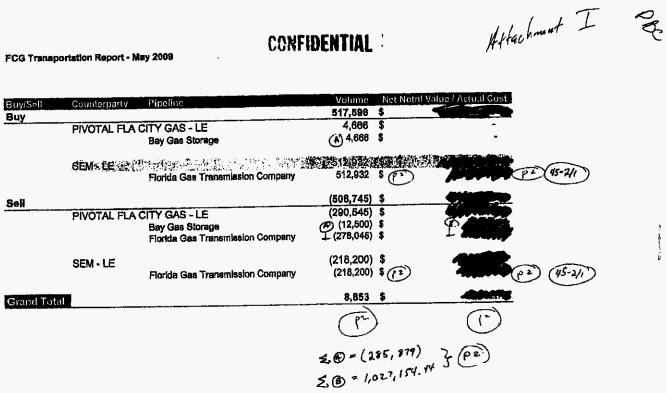
Florida City Gas PGA Dekt#100003-GU Audit#10-007-4-1 TYE 12/31/2009 Title: <u>Actual US Markut Cost</u>

WAC = Weighted Aug Cost A ~ @ / @ = D Price X Volume/Tota L Volume. = WAC

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Title:

Actual Gas

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Florida City Gas PGA Dokd#100003-GU Audit#10-007-4-1 TYE 12/31/2009

Source: Key # 2A

FCG Transportation Report - May 2009

Buy

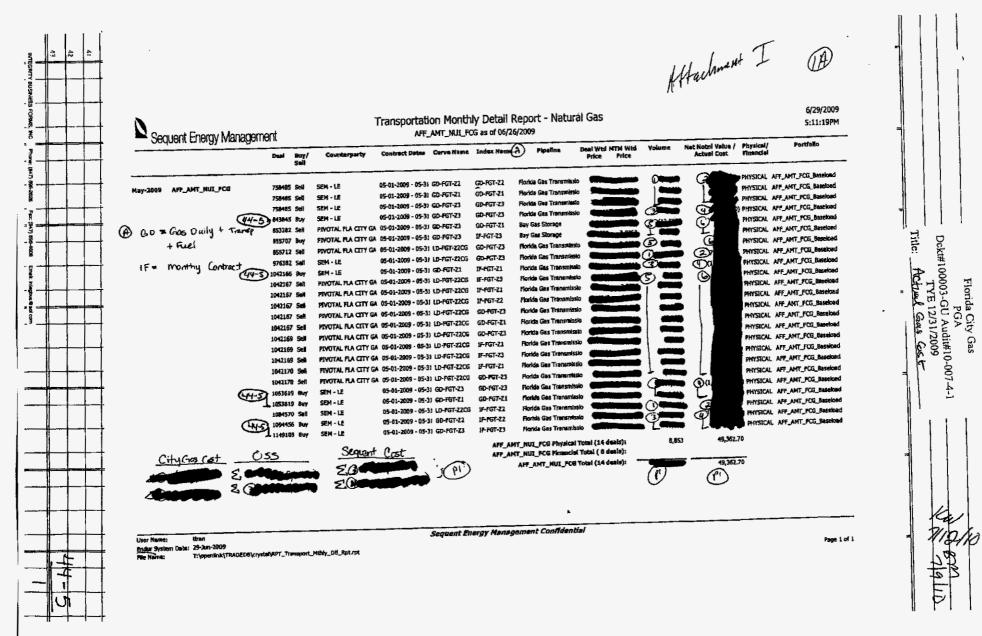
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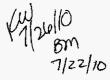




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Florida City Gas Purchase Gas Recovery Audit Dkt # 100003-GU, AC# 10-007-4-1 TYE 12/31/2009 Title: Deily Ruchase Cost Comparison



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Comparison of Sequent Dally Purchase Cost to FCG Dally Purchase Cost

Total Sequent Daily Purchase		FCGD	aily Orde	red]	Differe	nce Valu	ê
Day Volume Price Amou	_	Volume	Price	Amount	Day	Volume	Price	Amount
1 5,141 \$ 1 8,837 \$	Ê							
13,978 \$	1	4,326) 1	4,326		
2 699 3 2 10,916 5 11,615 5	2	3,723			2	3,723		
3 <u>10,842</u> \$ 10,842 \$	3	3,723			• 3	3,723	\$	
4 10,842 \$ \$ 10,842 \$	4	3,723	(in and		•	3,723	Sugar	
5 5 <u>3,588</u> \$ 3,588 \$	5	3,111				5 3,111	-	هيرواز
6 <u>11,907</u> \$ <u>11,907</u> \$		3,136				6 3,136		
7 <u>10,352</u> \$ 10,352 \$	7	2,100			Þ	7 2,100		
8 8,433 5 5 8,433 5 5	8	1,307	-		Þ	8 1,307		
9 9,808 \$ 5 \$ 9 9,808 \$ 5 \$		1,037				9 1,037		
10 10 9,809 \$ \$ 9 9,809 \$ \$		1,037			•	0 1,037		
11 11 <u>9,809</u> 9,809 5	11	1,037				1 1,03		
12 12 <u>9,811</u> 9,811 \$	12	3,42	1			12 3,42	1 9	
13 9,913 \$ 13 9,913 \$	13	3,21	4			13 3,21	4	
14 0 \$ \$ 14 <u>10,395</u> \$ -11,327 \$		1,61	1		B	14 1,61		_
10,545 15 - \$ 15 <u>11,327</u> 11,327 5 5	15	5 2,07	2			15 2,07	2	ھر ک
16 \$ 16 <u>11,021</u> \$ 11,021 \$ 3	16		_			16 2,28	2 \$ 6	
17 17 <u>11,021</u> 11,021 \$		2,28	2			17 2,28	32 (11)	-
18 18 <u>11,021</u> \$ 11,021 \$			-			18 2,28	32 🖛	
Calcul	ation occurac Overage is	y wa	s cb	ne on	WP 44	-6/1. Ierial.		44-6



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Florida City Gas Purchase Gas Recovery Audit Dkt # 100003-GU, AC# 10-007-4-1 TYE 12/31/2009 Title: <u>Companison Schedule Leca</u>

W/26/10 5M 7/22/10

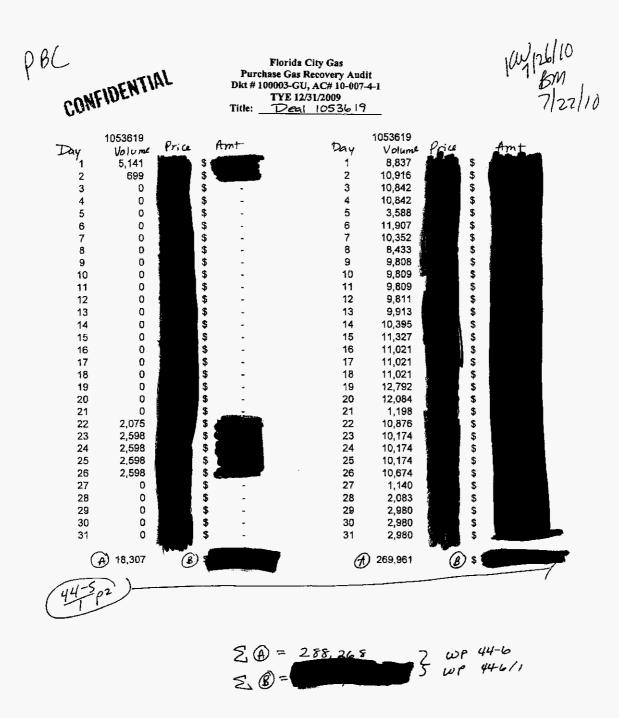
2BC	CONFIDE	ATIAL	Purchase Dkt # 1000 T Title: <u>Com</u>	Gas R 03-GU, YE 12/3 pansor	AC# 10-0 1/2009 A Chadut	007-4-1 1 <u>e Lac</u> al			P	1/20 1	5M 7 22	16
	Com	Comparison o	of Sequent Da	illy Purc	hase Cost	to FCG Daily	Purchas	e Cost				
	Total Sequent Da	ily Purchase		FCG	Daily Orde	red]		Differ	ance Value]
Day	Volume Price	Amount	Day Ve	olume	Price	Amount		Day \	/olume	Price	Amount	
1	5,141 8,837 13,978		1	4,326		Sector	5	1	4,326		\$ CONT	ŀ
2	699 10,916 11,615		2	3,723		-\$ 20000		2	3,723		\$	
3 3	10,842 10,842		3	3,723		s -	J.F.	3	3,723		\$	
4	10,842		4	3,723		\$	ł	4	3,723	\$		5
5 5 6	3,588		5	3,111		s	*	5	3,111	\$	F \$ ~ @}	
6 7	<u>11,907</u> <u>11,907</u>		6	3,136		*\$ ****		6	3,136	5.	s s Carlo	5
7 8	10,352 10,352		7	2,100		\$		7	2,100	\$ ~~~	r s ala	• التل
8 9 9	8,433 8,433 9,808		8	1,307				8	1,307			
10 10	9,808		9	1.037				9	1,037			
11 71	9,809		10	1,037		• ; · · · · · · · · · · · · · · · · · ·		10	1,037			
12 12			12	3,421		- 5		12	3,421	5-		
13 13			13	3,214		s	•	13	3,214	s- <u></u>	E-1	
14 14	0 10,395 10,395		14	1,611		s (14	1,611	\$	s - s)
	<u>11,327</u> <u>11,327</u>		15	2,072		a \$ 1		15	2,072	5	NT's gam	art.
4-	<u>11,021</u> <u>11,021</u>		16	2,282				16	2,282	\$.	s	
41	7 <u>11,021</u> 11,021		17	2,283		s Cara		17	2,282	* *		
11	8 <u>11,021</u>		18	2,283		<u>, s 5000</u>		18	2,283	2 S 4	in s 🛫	
	9 <u>12,792</u> 12,792		19	- -	\$	P:		19	-	5 311111	₩) S ⁴ <u>11</u>	
د را	AR# 10	Checked the	accuracy	07-	inc con	par ison	sciul	. ••• 14		-14-	pi 🚽	

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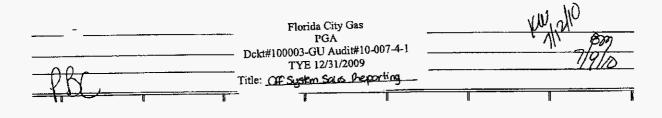
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Source: AR # 10

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Request No. 2 Item# 1b:

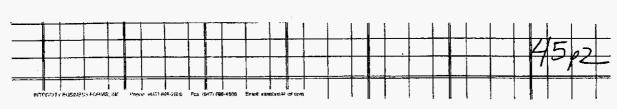
Include an explaination of how the OSS calculation is determined.

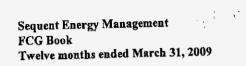
Response:

Sequent's standard practice in reporting net margin associated with asset management transactions is to include all purchases and sales associated with both selling gas to the utility as well as all purchases and sales associated with off-system sales (OSS) to third parties. This practice has been consistently followed with the reporting of net margin associated with asset management activities for Florida City Gas (FCG). No net margin is generated from sales to FCG.

To validate this conclusion that no net margin is generated from sales to FCG, we have provided supplemental information for your review. Please see Attachment II ("Sequent Energy Management, FCG Book Value, May 2009"), which includes all sales to FCG (Revenue from Sale to FCG) and all purchases associated with serving the sales to FCG. The purchases are included under Gas Cost, Florida Gas Transmission. This line item includes all purchases made for FCG and purchases made to serve off-system sales. For purposes of this report, all cost of gas associated with purchases to serve FCG are at the Inside FERC FOM index price flat (no premium) for monthly baseload deliveries and Gas Daily Index flat for all daily incremental swing supply. Sequent's actual costs are greater than Index flat. In support of this statement, Sequent has provided Staff with documentation of this based on May 2009 test data. See Sequent Physical Purchases Compared to Index Pricing, May 2009 (Attachment III) and supporting invoices (invoices provided to Commission staff for view).

Source: Leg # 24





	Aggregate Net	Annual Valu	Net Amount			
Month	Margin	FCG Agent 50%	FCG-PGA 50%	FCG-PGA		
April 2008 May 2008 June 2008 July 2008 August 2008 September 2008 December 2008 December 2008 December 2008 Janurary 2009 Feburary 2009 March 2009	S 45-h	\$	s de la constante de la consta	S		
Total	S	\$	\$ -	\$ (7.05)		

Source: Reg # 10

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----Florida City Gas PGA Dekt#100003-GU Audit#10-007-4-1 TYE 12/31/2009 TYE 12/31/2009 Title: O.S. & evenues - SO'e Profit-Strephine Sciences - SO'e Profitart by

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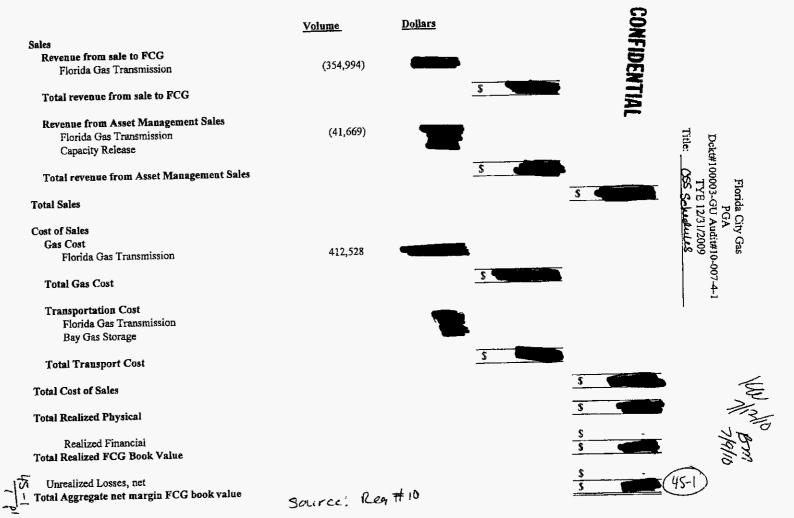
-C79MS, INC Phone (847) 538-262

Fax: (547) 533-4000

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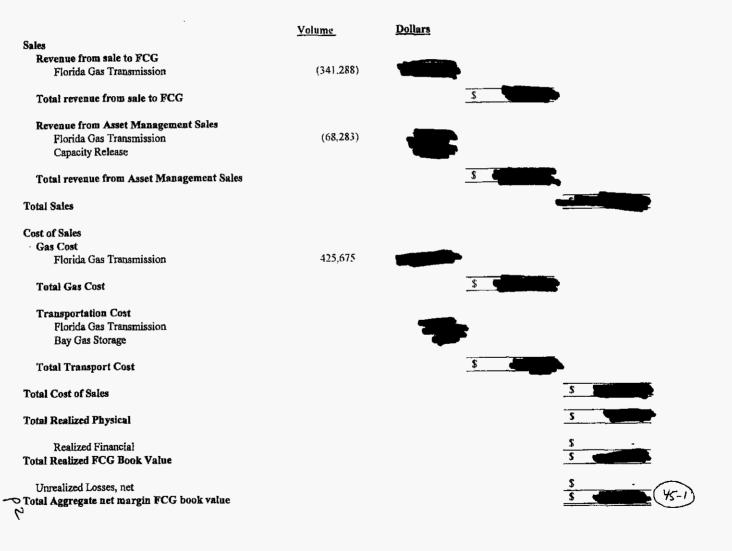
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Sequent Energy Management FCG Book Value April 2008

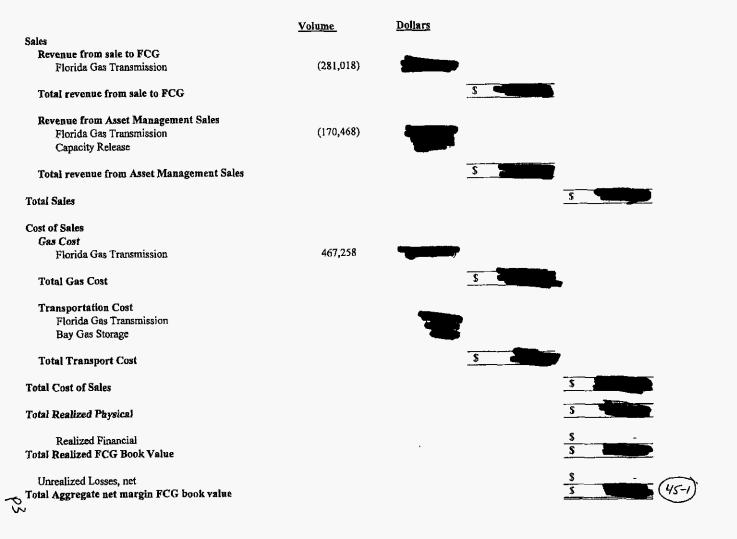


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Sequent Energy Management FCG Book Value May 2008



Sequent Energy Management FCG Book Value June 2008



Sequent Energy Management FCG Book Value July 2008

Revenue from sale to FCG Florida Gas Transmission

Capacity Release

Total revenue from sale to FCG

Florida Gas Transmission

Revenue from Asset Management Sales Florida Gas Transmission

Sales

Total Sales

Cost of Sales Gas Cost

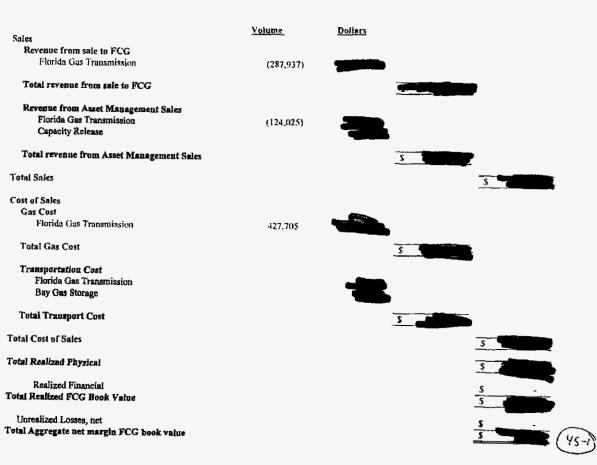
Total Gas Cost

Total Cost of Sales Total Realized Physical

PC-

Transportation Cost Florida Gas Transmission Bay Gas Storage Total Transport Cost

Realized Financial Total Realized FCG Book Value Unrealized Losses, net



Sequent Energy Management FCG Book Value August 2008

Sales Revenue from sale to FCG Florida Gas Transmission

Total revenue from sale to FCG

Revenue from Asset Management Sales Florida Gas Transmission Capacity Release

Total revenue from Asset Management Sales

Volume

Total Sales

Cost of Sales Gas Cost Florida Gas Transmission

Total Gas Cost

Transportation Cost Florida Gas Transmission Bay Gas Storage

Total Transport Cost

Total Cost of Sales

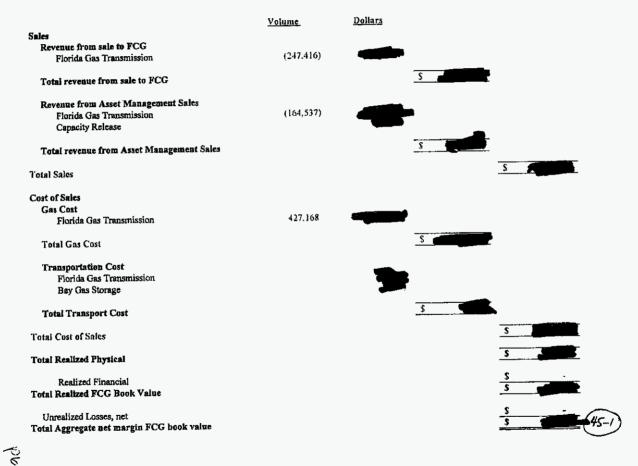
Total Realized Physical

Realized Financial Total Realized FCG Book Value

Unrealized Losses, net Total Aggregate net margin FCG book value



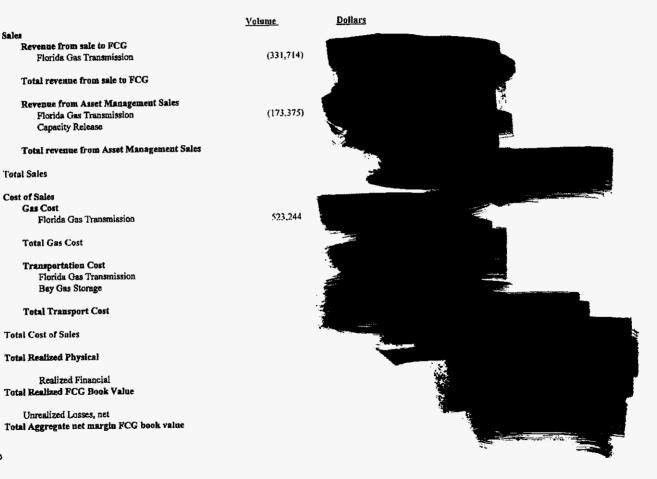
Sequent Energy Management FCG Book Value September 2008



Sequent Energy Management FCG Book Value October 2008

Sales

Cd



Sequent Energy Management FCG Book Value November 2008

	Volume	<u>Dollars</u>	
Sales			
Revenue from sale to FCG			
Florida Oas Transmission	(330,969)		
Total revenue from sale to FCG		3	
Revenue from Asset Management Sales			
Florida Gas Transmission	(30,596)		
Capacity Release			
Total revenue from Asset Management Sales		S	
Total Sales		5	
Cost of Sales			
Gas Cast			
Florida Gas Transmission	373,095		
Total Gas Cost		\$	
Transportation Cost		-	
Florida Gas Transmission			
Bay Gas Storage			
Total Transport Cost		2	
Total Cost of Sales		3	
Total Realized Physical		5	
Realized Financial		\$ -	
Total Realized FCG Book Value		3	
Unrealized Losses, net		\$	
Total Aggregate net margin FCG book value		<u>s</u>)

Sequent Energy Management FCG Book Value December 2008

Sales

Revenue from sale to FCG Florida Gas Transmission

Total revenue from sale to FCG

Revenue from Asset Management Sales Florida Gas Transmission Capacity Release

Total revenue from Asset Management Sales

Total Sales

Cost of Sales Gas Cost Florida Gas Transmission

Total Gas Cost

Transportation Cost Florida Gas Transmission Bay Gas Storage

Total Transport Cost

Total Cost of Sales

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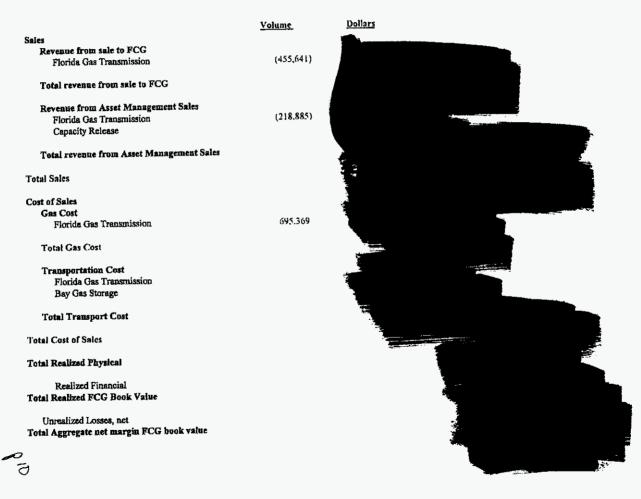
Total Realized Physical

Realized Financial Total Realized FCG Book Value

Umealized Losses, net Total Aggregate net margin FCG book value

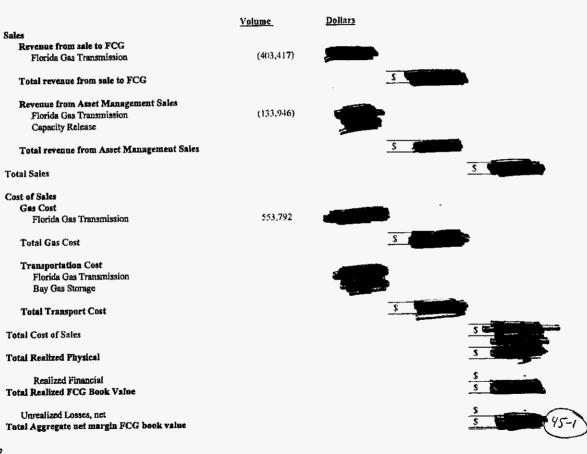


Sequent Energy Management FCG Book Value Janurary 2009



Sequent Energy Management FCG Book Value Feburary 2009

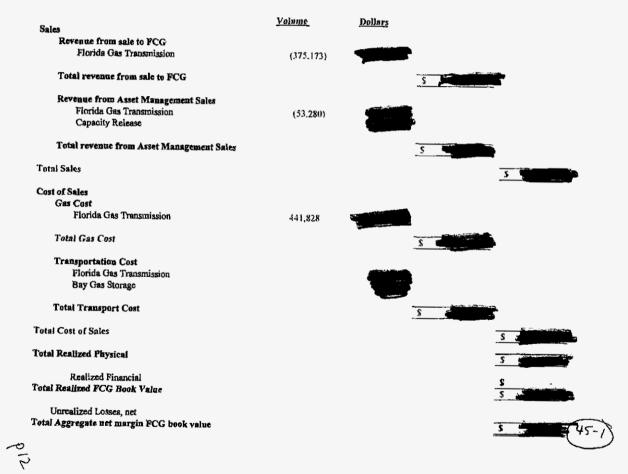
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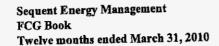


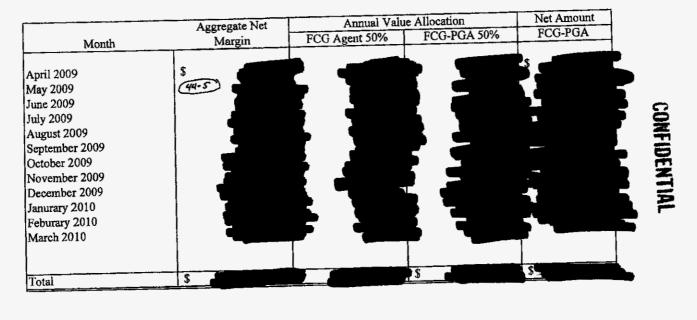
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Sequent Energy Management FCG Book Value March 2009







V=Traced to OSS Revenue Scheelules A) = Recalcularled for mathematical Accuracy The month of May 2009 was tested on Source: Rey # 10 WP 44-5.

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Attachant II & Sequent Energy Management FCG Book Value May 2009 44 - Î @= 204,600- Baseload Volume_ **Dollars** 62,107 - Swing (1) - Turnback Sales Revenue from sale to FCG 12,315 - Bay Gas 279,021 - total (A) (279,021) Florida Gas Transmission Total revenue from sale to FCG 44-1 2 **Revenue from Asset Management Sales** (218,200) Florida Gas Transmission Capacity Release Total revenue from Asset Management Sales b \$ **Total Sales** t t Cost of Sales Ŧ Gas Cost 512,932 Florida Gas Transmission <u>44 - 5</u> CONFIDENTIAL **Total Gas Cost Transportation Cost** Florida Gas Transmission Bay Gas Storage Total Transport Cost Total Cost of Sales Total Realized Physical Realized Financial Total Realized FCG Book Value Unrealized Losses, net Total Aggregate net margin FCG book value 69

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Dckd#100003-GU Audit#10-007-4-1 TYE 12/31/2009 Mara in Calculation