## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

 PREPARED DIRECT TESTIMONYQ. Please state your name and business address.
A. My name is W. Edward Elliott. My business address is 702 N. Franklin Street, P. O. Box 2562, Tampa, Florida 336012562.
Q. By whom are you employed and in what capacity?
A. I am Manager of Gas Accounting for Peoples Gas System. ("Peoples").
Q. Please summarize your educational background and professional qualifications.
A. I graduated from the University of South Florida in 1972 with the degree of Bachelor of Arts in Accounting. I have over 13 years of experience in the utility field.
Q. What are your primary responsibilities in your present position with Peoples?

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A. As Manager of Gas Accounting, I am responsible for recording the Company's costs for natural gas and upstream pipeline capacity and preparing filings associated with the recovery of these costs through the Purchased Gas Adjustment ("PGA").
Q. Have you previously testified in regulatory proceedings?
A. Yes. I have submitted testimony on several occasions supporting Peoples' Purchased Gas Adjustment.
Q. What is the purpose of your testimony in this docket?
A. The purpose of my testimony is to describe generally the components of Peoples' cost of purchased gas and upstream pipeline capacity. In my testimony, I also explain how Peoples' projected weighted average cost of gas ("WACOG") for the January 2002 through December 2002 period was determined and the resulting requested maximum PGA ("Cap").
Q. Please summarize your testimony.
A. I will address the following areas:

1. How Peoples will obtain its gas supplies during the projected period.
2. Estimates and adjustments used to determine the amount of gas to be purchased from Peoples' various available sources of supply during the projected period.
3. Projections and assumptions used to estimate the purchase price to be paid by Peoples for such gas . supplies.
4. The components and assumptions used to develop Peoples' projected WACOG.
Q. What is the appropriate final purchased gas adjustment true-up amounts for the period January 2000 through December 2000?
A. An underrecovery of $\$ 13,661,513$.
Q. What is the estimated purchased gas adjustment true-up amounts for the period January 2001 through December 2001?
A. An overrecovery of $\$ 17,264,427$.
Q. What is the total purchased gas adjustment true-up amount
to be refunded during the period January 2002 through December 2002?
A. An overrecovery of $\$ 3,600,915$.
Q. Have you prepared or caused to be prepared certain schedules for use in this proceeding?
A. Yes. Composite Exhibit EE-2 was prepared by me or under my supervision.
Q. Please describe how Peoples will obtain its gas supplies during the projected period of January 2002 through December 2002.
A. All natural gas delivered through Peoples' distribution system is received through two interstate pipelines. Gas is delivered through Florida Gas Transmission Company ("FGT") and, in Peoples' Jacksonville Division, also through Southern Natural Gas Company ("SONAT") and South Georgia Natural Gas Company ("South Georgia"). Receiving gas supply through multiple interstate pipelines provides valuable flexibility and reliability to serve customers. Peoples is assessing opportunities to increase this flexibility and reliability.
Q. In general, how does Peoples determine its sources of supply?
A. Peoples evaluates, selects and utilizes sources of natural gas supply on the basis of its "best value" gas acquisition strategy. For a source of supply to be identified as a "best value," it must offer the best combination of price, reliability of supply, flexibility and dependable operations, consistent with Peoples' obligation as a public utility to provide safe, adequate and efficient service to the general public. Through a competitive bidding process, Peoples has a portfolio of supply sources from numerous third-party suppliers which reflect a balance between cost, reliability and operational flexibility.
Q. Could Peoples purchase all third party supplies in advance for a long term at the lowest available fixed price in order to provide increased stability to its cost of gas?
A. No. Peoples' quantity requirement for system supply gas varies significantly from year to year, season to season, month to month, and, in particular, from day to day.

Often, the demand for gas on the Peoples system can vary dramatically within a month from the lowest to the highest requirement of its customers. In addition, Peoples initiated the NaturalChoice program in November 2000 which allows non-residential customers to purchase their natural gas supplies directly from producers and marketers. Peoples anticipates that the transportation throughput will continue to increase during the projected period as customers transfer from sales service to transportation service under the Naturalchoice program. The actual take of gas out of the Peoples system by those same transporting customers varies significantly from day to day. Since a significant portion of the total transportation volumes is received by Peoples at a uniform daily rate, Peoples is forced to increase or decrease the purchases of its own system supply volumes by significant increments in order to maintain a balance between receipts and deliveries of gas each day. As a consequence, Peoples must buy a portion of its total system requirements under swing contract arrangements, and meet extreme variations in delivered volumes by relying on swing gas, peaking gas, pipeline balancing charge volumes, pipeline penalty:charge volumes and pipeline no notice service at the prevailing rates for such services.
Q. How did Peoples estimate the amount of gas to be purchased from various sources during the projected period of January 2002 through December 2002?
A. Peoples' projected amount of gas to be purchased is based upon the Company's preliminary total throughput of therms delivered to customers projected for 2002, including both sales of Peoples' system supply and transportation deliveries of third party gas purchased by end-users of Peoples. Then, the throughput is adjusted for the anticipated level of transportation service, including the anticipated conversions under the approved NaturalChoice program.
Q. How are Swing Service revenues accounted for through the PGA?
A. Customers who participate in the NaturalChoice program pay a Swing Service Charge. The Swing Service Charge covers costs included in the PGA for balancing the difference between marketer-supplied gas and the customers' actual consumption. The revenues from the Swing Service Charge are credited to the PGA to offset this expense.
Q. How did you estimate the purchase price to be paid by Peoples for each of its available sources of gas supply?
A. The price paid for natural gas is estimated based on an evaluation of published prices for the last several years for spot gas delivered to the FGT and SONAT systems, futures contracts as reported on the New York Mercantile Exchange and industry forecasts of market prices for the projection period of January 2002 through December 2002. These prices are then adjusted to reflect the potential for unexpected increases particularly in the monthly and daily market for natural gas prices in the projection period.
Q. Referring to Schedules E-3 (A) through (G) of Composite Exhibit EE-2, please explain the components of these schedules and the assumptions which were made in developing the Company's projections.
A. Schedule E-3 (G) is a compilation of the monthly data which appear on Schedules E-3 (A) "through (F) for the corresponding months of January 2002 through December 2002.

In Schedules E-3 (A) through (F), Column (A) indicates the applicable month for all data on the page.

In Column (B), "FGT" indicates that the volumes are to be purchased from third party suppliers for delivery via FGT transportation. "MARKETER" indicates that the volumes are to be purchased from a third party supplier for delivery via SONAT and South Georgia. "THIRD PARTY" indicates that the volumes are to be purchased directly from various third party suppliers for delivery into FGT or SONAT.

In Column (C), "PGS" means the purchase will be for Peoples' system supply and will become part of Peoples' total WACOG. None of the costs of gas or transportation for end-use purchases by end-use customers of Peoples are included in Peoples' WACOG.

In Column (D), purchases of pipeline transportation services from FGT under Rate Schedule FTS-1 and FTS-2 are split into two components, commodity (or "usage") and demand (or "reservation"). Both Peoples and end-users pay the usage charge based on the lactual amount of gas transported. The FTS-1 and FTS-2 commodity costs shown include all related transportation charges including
usage, fuel, ACA and Gas Research Institute ("GRI") charges. The FTS-1 and FTS-2 demand component is a fixed charge based on the maximum daily quantity of FTS-1 and FTS-2 firm transportation capacity reserved. End-users reimburse Peoples or directly pay FGT for all pipeline reservation charges associated with the transportation capacity which Peoples reserves and uses on their behalf. Similarly, the transportation rates of SONAT and South Georgia also consist of two components, a usage charge and a reservation charge.

Also in Column (D), "NO NOTICE TRANSPORTATION SERVICE" (or "NNTS") means FGT's no notice service provided to Peoples on a fixed charge basis for use when Peoples' actual use exceeds scheduled quantities. "SWING SERVICE" means the demand and commodity component of the cost of third party supplies purchased to meet Peoples "swing" requirements for supply which fluctuate on a day-to-day basis. "COMMODITY" means third party purchases of gas transported on FGT, SONAT or South Georgia, and does not include any purchases of sales volumes from FGT.

Column (E) shows the monthly quantity in therms of gas purchased by Peoples for each category of system supply.

Column (F) shows the gas purchased by end-users for transportation.

Column (G) is the total of Columns (E) and (F) in each row.

Columns (H), (I), (J) and (K) show the corresponding third party supplier commodity costs, pipeline transportation commodity costs, pipeline transportation reservation costs, and other charges (e.g., balancing charges), respectively. These costs are determined using the actual amounts paid by Peoples. In the case of enduser transportation, these costs are reimbursed to Peoples or paid directly to FGT. All ACA, GRI and fuel charges are included in the commodity costs in Column (I) and, therefore, are not shown in Column (K).

Column ( L ) in each row is the sum of Columns (H), (I), (J) and (K) divided by Column (G).
Q. Referring to Schedule E-1 of Composite Exhibit EE-2, please explain the components of these schedules and the assumptions which were made in developing the Company's projections.
A. Schedule $E-1$ is shown in three versions. Page 1 relates to Cost of Gas Purchased, Therms Purchased, and Cents Per Therm for Combined Rate Classes, Page 2 relates to Residential Customers, and Page 3 relates to Commercial Customers.

The costs associated with various categories or items are shown on lines 1 through 14. The volumes consumed for similar categories or items are shown on lines 15 through 27, the resulting effective cost per therm rate for each similar category or item is contained on lines 28 through 45.

The data shown on Schedule $E-1$ are taken directly from Schedules E-3 (A) through (F) for the months of January 2002 through December 2002 .
Q. What information is presented on Schedule $E-1 / R$ of Composite Exhibit EE-2?
A. Schedule $E-1 / R$ of Composite Exhibit EE-2 shows eight months actual and four months estimated data for the current period from January 2001 through December 2001 for all combined customer classes.
Q. What information is presented on Schedule E-2 of Composite Exhibit EE-2?
A. Schedule E-2 of Composite Exhibit EE-2 shows the amount of the prior period over/under recoveries of gas costs which are included in the current PGA calculation.
Q. What is the purpose of Schedule E-4 of Composite Exhibit EE-2?
A. Schedule E-4 of Composite Exhibit EE-2 simply shows the calculation of the estimated true-up amount for the January 2001 through December 2001 period. It is based on actual data for eight months and four months of projected data.
Q. What information is contained on Schedule E-5 of Composite Exhibit EE-2?
A. Schedule E-5 of Composite Exhibit EE-2 is statistical data which includes the projected therm sales and numbers of customers by customer class for the period from January 2002 through December 2002 .
Q. How are Gas Research Institute charges treated in the Purchased Gas Adjustment Cost Recovery Clause?
A. The Gas Research Institute ("GRI") is an industry-funded, independent research organization. GRI provides efficient and effective research and development of products, studies and processes that benefit all natural gas consumers. The work performed by GRI helps lower the cost of gas and improve the efficiency of its use. Historically, GRI funding was mandated by the Federal Energy Regulatory Commission and recovered through surcharges applied to the FERC-regulated, interstate pipeline charges included in costs recovered through the PGA. In 1998 FERC ordered that GRI funding transition to fully voluntary funding by January 2004. Peoples Gas supports the goals of GRI since the products and services provided by GRI benefit our customers. Therefore, Peoples Gas has continued to support GRI at the previously mandated funding level and include the voluntary funds in the PGA. Peoples Gas expects to continue supporting GRI with voluntary funding at the previously mandatory level and to include the voluntary charges in the $P G A$, even when $G R I$ funding transitions fully to voluntary.
Q. How have you incorporated the Residential PGA factor and the Commercial PGA factor in the derivation of the PGA cap for which the company seeks approval?
A. On April 5, 1998, the Commission issued Order No. PSC-99-0634-FOF-GU as a Proposed Agency Action in Docket No. 981698-GU. This Order approved Peoples Gas' request for approval of a methodology for charging separate Purchased Gas Adjustment factors for different customer classes. Under the approved methodology, separate PGA factors are derived by assigning the fixed, interstate pipeline reservation costs to each customer class according to the class' contribution to the company's peak month demand for the winter season and the summer season. Exhibit EE2, Page 20 of 20 , labeled Attachment, contains the seasonal peak allocation factors based on the most recent peak month data available, January 2001 and April 2001. These allocation factors are then applied to Schedule E-I to derive the separate version for Residential, Commercial and Combined for All Rate Classes. The $W A C O G$ for which Peoples seeks approval as the annual cap is the Residential factor of $\$ 0.98473$ per therm as shown in Schedule E-I.
Q. Does this conclude your testimony?

| N O | N | $\stackrel{N}{\omega}$ | N | $\stackrel{N}{\sim}$ | $\begin{gathered} \text { N } \\ \hline \end{gathered}$ | $\stackrel{-}{6}$ | $\stackrel{\sim}{\infty}$ | $\stackrel{\sim}{\square}$ | $\stackrel{\leftrightarrow}{\sigma}$ | $\stackrel{\leftrightarrow}{G}$ | $\stackrel{\rightharpoonup}{\oplus}$ | $\stackrel{\rightharpoonup}{\omega}$ | $\stackrel{\rightharpoonup}{\mathrm{N}}$ | $\stackrel{\rightharpoonup}{\bullet}$ | $\stackrel{\bullet}{\circ}$ | 6 | $\infty$ | $\checkmark$ | の | G | + | $\omega$ | N | $\mapsto$ |
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| COMPANY: PEOPLES OAS SYSTEM |  |  | PURCHASED GAS ADJUSTMENT COST RECOVERY CLAUSE CALCULATION |  |  |  |  |  |  |  |  | SCHEDULEE-1 <br> Page 1 of 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ORIGINAL ESTIMATE FOR THE PROJECTED PERIO |  | NUARY '02 throu | h december '02 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| COST OF GAS PURCHASED | JAN | FEs | MAR | APR | MAY | JUN | JuL. | AUG | SEP | ост | NOV | DEC | TOTAL PERIOD |
| 1 COMmODITY Plpaline | \$153,885 | \$157,483 | \$131,373, | \$144,545 | \$115,441 | \$115,284 | \$115,160 | \$117,939 | \$117,141 | \$115,624 | \$127,848 | \$127,669 | \$1,539,391 |
| 2 No notice Service | \$60,787 | \$51,461 | \$42,067 | \$23,895 | \$39,324 | \$38,055 | \$39,324 | \$39,324 | \$38,055 | \$21,948. | \$41,595 | \$61,383 | \$497,217 |
| 3 SWING SERVICE |  | \$0 | S0 | 50 | \$0 | so | S0 | so | \$0, | so | 50 | S0- | so |
| 4 COMmodrry Other | \$35,154,821 | \$26,508,826 | \$21,692,425 | \$17,396,883 | \$14,123,387 | \$11,064,414 | \$10,148,397 | \$9,326,325 | \$10,759,186 | \$12,551,544 | \$16,247,311 | \$22,838,320 | \$207,811,841 |
| 5 demano | \$3,709,098 | \$3,395,090 | \$3,709,098 | \$3,256,097 | \$2,360,746 | \$2,299,572 | \$2,360,746 | \$2,360,746 | \$2,299,572 | \$3,119,505 | \$3,604,429 | \$3,709,098 | \$36,183,800 |
| - Other | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$100,000 | \$1,200,000 |
| LESS END-USE CONTRACT: 7 COMMODITY Plpelino | \$53,501 | \$62,786 | \$52,866 | \$70,033 | \$48,345 | \$52,309 | \$53,077 | \$55,913 | \$53,130 | \$60,008 | \$62,880 | \$41,318 | \$666,165 |
| 7 COMMODITY Plpeline 3 DEMAND | \$571,44t | \$685,233 | \$599,775 | \$762,747 | \$521,437 | \$563,187 | \$571,468 | \$598,382 | \$567,487 | \$640,949 | \$671,628 | \$441,324 | \$7,195,059 |
| - Other | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$136,000 | \$1,632,000 |
| 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 total $\operatorname{cost}(1+2+3+4+5+6) \cdot(7+6+9+10)$ | \$38,417,650 | \$29,328,842 | \$24,886,324 | \$19,952,640 | \$16,033,115 | \$12,865,829 | \$12,003,082 | \$11,154,041 | \$12,557,337 | \$15,071,663 | \$19,250,674 | \$26,217,828 | \$237,739,025 |
| 12 Net UNBILLED |  |  |  |  |  |  | $\$ 0$ | $\$ 0$ |  | $50$ |  | $\$ 0$ | $\$ 0$ |
| 13 COMPANY USE14 TOTAL THERM SALES | \$0 | \$0 | 50 | \$0 | \$0 | \$ ${ }^{50}$ | \$12003 | \$11, \$0 | \$12.575 ${ }^{50}$ | \$1507150 | \$19250 | \$20 | 5080 |
|  | \$38,417,650 | \$29,328,842 | \$24,886,324 | \$19,952,640 | \$16,033,115 | \$12,865,829 | \$12,003,082 | \$11,154,041 | \$12,557,337 | \$15,071,663 | \$19,250,674 | \$26,217,828 | \$237,739,025 |
| THERMS PURCHASED |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15 COMmOdity Pipeline | 45,556,030 | 47,025,214 | 41,933,344 | 43,620,999 | 34,125,864 | 33,841,441 | 33,447,098 | 33,744,658 | 33,569,379 | 35,845,929 | 39,173,521 | 38,255,706 | 460,139,183 |
| 16 No Notice Service17 SWING SERVICE | 10,302,850 | 8,722,280 | 7,130,000 | 4,050,000 | 6,665,000 | 6,450,000 | 6,665,000 | 6,665,000 | 6,450,000 | 3,720,000 | 7,050,000 | 10,403,910 | 84,274,040 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 18 commodrir Other | 30,182,320 | 28,983,224 | 26,742,084 | 23,496,499 | 20,233,504 | 18,810,111 | 18,195,168 | 17,678,408 | 18,302,039 | 18,602,209 | 21,104,421 | 26,382,586 | 268,712,573 |
| 19 demand | 84,151,050 | 76,007,400 | 84,151,050 | 75,237,900 | 49,629,760 | 48,028,800 | 49,629,760 | 49,629,760 | 48,028,800 | 70,042,950 | 81,436,500 | 84,151,050 | 800,124,780 |
| 20 OTHER <br> LESS END.USE CONTRACT: |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
| Less end.use contract: 24 COMmodry Plpeline | 15,373,710 | 18,041,990 | 15,191,260 | 20,124,500 | 13,892,360 | 15,031,330 | 15,251,930 | 16,066,250 | 15,267,340 | 17,243,720 | 18,069,100 | 11,873,120. | 191,426,610 |
| 22 demand | 15,373,710 | 18,435,120 | 18,135,990 | 20,520,500 | 14,028,450 | 15,151,660 | 15,374,440 | 16,098,520 | 15,267,340 | 17,243,720 | 18,069,100 | 11,873,120 | 193,571,670 |
| 24 TOTAL PURCHASES (17+18)25 NET UNBILLED | 30,182,320 | 28,983,224 | 26,742,084 | 23,496,499 | 20,233,504 | 18,810,111 | 18,195,168 | 17,678,408 | 18,302,039 | 18,602,209 | 21,104,421 | 26,382,586 | 268,712,573 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26 COMPANY USE27 TOTAL THERM SALES (24.26) |  |  |  |  |  |  |  |  |  |  |  |  | 0 |
|  | 30,182,320 | 28,983,224 | 26,742,084 | 23,496,499 | 20,233,504 | 18,810,111 | 18,195,168 | 17,678,408 | 18,302,039 | 18,602,209 | 21,104,421 | 26,382,586 | 268,712,573 |
| CENTS PER THERM |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28 сомMODITY Plpaline (115) | 0.00338 | 0.00335 | 0.00313 | 0.00331 | 0.00338 | 0.00341 | 0.00344 | 0.00350 | 0.00349 | 0.00323 | 0.00326 | 0.00334 | 0.00335 |
| 29 NO NOTICE SERVICE (2/19) | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 | 0.00590 |
| 30 SWING SERVICE ${ }^{\text {a }}$ [317 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| 31 COMMODITY Other (418) | 1.16475 | 0.91463 | 0.81177 | 0.74040 | 0.69802 | 0.58822 | 0.55775 | 0.52755 | 0.58787 | 0.67473 | 0.76985 | 0.86566 | 0.77336 |
| 32 DEMAND (5/19) | 0.04408 | 0.04467 | 0.04408 | 0.04328 | 0.04757 | 0.04788 | 0.04757 | 0,04757 | 0.04788 | 0.04454 | 0.04426 | 0.04408 | 0.04522 |
| 33 OTHER | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| 34 COMMODITY Plpelline (7121) | 0.00348 | 0.00348 | 0.00348 | 0.00348 | 0.00348 | 0,00348 | 0.00348 | 0.00348 | 0.00348 | 0.00348 | 0.00348 | 0.00348 | 0.00348 |
| 35 demano (aiz) | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 | 0.03717 |
| 36 OTHER (9/3) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0,00000 | 0.00000 | 0.00000 | 0.00000 |
| 37 TOTAL COST Of PURCHASES (11/24) | 1.27285 | 1.01192 | 0.93061 | 0.84918 | 0.79240 | 0.68398 | 0.65969 | 0.63094 | 0.68512 | 0.81021 | 0.91216 | 0.99376 | 0.88473 |
| 36 Net UnBlLLed (12/25) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| 39 COMPANY USE (1126) | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| 40 TOTAL COST OF THERMS SOLD (11/2T) | 1.27285 | 1.01192 | 0.93061 | 0.84918 | 0.79240 | 0.68398 | 0.65969 | 0.63094 | 0.68612 | 0.81021 | 0.91216 | 0.99376 | 0,88473 |
| 41 TRUE-UP (E-1) | ( 0.01340 ) | ( 0.01340 ) | (0.01340) | (0.01340) | (0.01340) | (0.01340) | (0.01340) | (0.01340) | (0.01340) | (0.01340) | (0.01340) | (0.01340) | (0.01340) |
| 42 TOTAL COST Of GAS (40+41) | 1.25945 | 0.99852 | 0.91720 | 0.83577 | 0.77900 | 0.67058 | 0.64628 | 0.61754 | 0.67272 | 0.79681 | 0.89876 | 0.98035 | 0.87133 |
| 43 REVENUE TAX FACTOR | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 | 1.00503 |
| 44 PGA FACTOR ADJUSTED FOR TAXES (42x43) | 1.26579 | 1.00355 | 0.92182 | 0.83998 | 0.78292 | 0.67396 | 0.64954 | 0.62065 | 0.67610 | 0.80082 | 0.90328 | 0.98529 | 0.87572 |
| 43 PGA FACTOR ROUNDED TO NEAREST. 001 | 126.579 | 100.355 | 92.182 | 83.998 | 78.292 | 67.396 | 64.954 | 62.065 | 67.610 | 80.082 | 90.328 | 98.529 | 87.572 |









| COMPANY: PEOPLES GAS SYSTEM |  |  |  |  | TRANSPORTATION PURCHASES <br> SCHEDULE E-3 SYSTEM SUPPLY AND END USE |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ESTIMATED FOR THE PROJECTED PERIOD OF: |  |  |  |  |  | JANUARY '02 <br> (G) | Through <br> (H) | DECEMBER ${ }^{\text {P }}$ |  |  |  |
| (A) | (B) | (C) | (D) | (E) | (F) |  | (H) COMMODI |  | (J) | (K) <br> OTHER | (L) <br> TOTAL |
| MONTH | PURCHASED <br> FROM | PURCHASE FOR | $\begin{aligned} & \text { SCH } \\ & \text { TYPE } \end{aligned}$ | $\begin{aligned} & \text { SYSTEM } \\ & \text { SUPPLY } \end{aligned}$ | END <br> USE | TOTAL PURCHASED | THIRD <br> PARTY | PIPELINE | DEMAND <br> COST | CHARGES ACA/GRIFUEL | CENTS PEF <br> THERM |
| 1 FEB 2002 | FGT | PGS | FTS-1 COMM | 28,140,214 |  | 28,140,214 |  | \$97,928 |  |  | \$0.34 |
| 2 | FGT | PGS | FTS-1 COMM |  | 18,041,996 | 18,041,990 |  | \$62,78 |  |  | \$0.34 |
| 3 | FGT | PGS | FTS-2 COMM | 12,136,880 |  | 12,136,880 |  | \$21,60< |  |  | \$0.17 |
| 4 | FGT | PGS | FTS-1 DEMAND | 53,874,520 |  | 53,874,520 |  |  | \$2,002,516 |  | \$3.71 |
| 5 | FGT | PGS | FTS-1 DEMAND |  | 18,435,12 | 18,435,120 |  |  | \$685,233 |  | \$3.71 |
| 6 | FGT | PGS | FTS-2 DEMAND | 12,136,880 |  | 12,136,880 |  |  | \$928,229 |  | \$7.64 |
| 7 | FGT | PGS | NO NOTICE | 8,722,280 |  | 8,722,280 |  |  | \$51,461 |  | \$0.59 |
| 8 | THIRD PARTY | PGS | SWING SERVICE |  |  |  | \$1 |  | \$0 |  | \$0.00 |
| 9 | MARKETER | PGS | SONAT TRANS COM | 6,906,981 |  | 6,906,981 |  | \$30,52 |  |  | \$0.44 |
| 10 | MARKETER | PGS | SO GA TRANS COMI | 6,748,120 |  | 6,748,120 |  | \$7,423 |  |  | \$0.11 |
| 11 | MARKETER | PGS | SONAT DEMAND | 10,077,629 |  | 10,077,629 |  |  | \$294,771 |  | \$2.92 |
| 12 | MARKETER | PGS | SO GA DEMAND | 9,996,000 |  | 9,996,000 |  |  | \$169,575 |  | \$1.69 |
| 13 | THIRD PARTY | PGS | COMMODITY | 28,983,224 |  | 28,983,224 | \$26,508,82t |  |  |  | \$91.46 |
| 14 | FGT | PGS | BAL. CHGSJOTHER |  |  | 0 |  |  |  | \$100,000 | \$0.00 |
| 15 FEBRUARY TOTAL |  |  |  | 177,722,727 | 36,477,11 | 214.199.837 | \$26.508.82i | \$220.27C | \$4,131,785 | \$100,000 | \$14.45 |


| COMPANY: PEOPLES GAS SYSTEM |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| ESTIMATED FOR THE PROJECTED PERIOD OF: |  |  |  |  |  | JANUARY '02 | Through | DECEMBER '02 |  |  |  |
| (A) | (B) | (C) | (D) | (E) | (F) | (G) |  | $\begin{gathered} \text { (1) } \\ \operatorname{cost} \end{gathered}$ | (J) | (K) OTHER | (나 <br> TOTAL |
| MONTH | PURCHASED <br> FROM | PURCHASE FOR | SCH TYPE | SYSTEM <br> SUPPLY | END USE | TOTAL PURCHASED | THIRD <br> , PARTY | PIPELINE | DEMAND <br> COST | CHARGES ACAIGRIFUEL | CENTS PER <br> THERM |
| 1 MAR 2002 | FGT | PGS | FTS-1 COMM | 24,630,304 |  | 24,630,304 |  | \$85,713 |  |  | \$0.348 |
| 2 | FGT | PGS | FTS-1 COMM |  | 15,191,260 | 15,191,260 |  | \$52,866 |  |  | \$0.348 |
| 3 | FGT | PGS | FTS-2 COMM | 13,437,260 |  | 13,437,260 |  | \$23,918 |  |  | \$0.178 |
| 4 | FGT | PGS | FTS-1 DEMAND | 59,646,790 |  | 59,646,790 |  |  | \$2,217,071 |  | \$3.717 |
| 5 | FGT | PGS | FTS-1 DEMAND |  | 16,135,990 | 16,135,990 |  |  | \$599,775 |  | \$3.717 |
| 6 | FGT | PGS | FTS-2 DEMAND | 13,437,260 |  | 13,437,260 |  |  | \$1,027,682 |  | \$7.648 |
| 7 | FGT | PGS | NO NOTICE | 7,130,000 |  | 7,130,000 |  |  | \$42,067 |  | \$0.590 |
| 8 | THIRD PARTY | PGS | SWING SERVICE |  |  |  | \$0 |  | \$0 |  | \$0.000 |
| 9 | MARKETER | PGS | SONAT TRANS COM | 3,956,786 |  | 3,956,786 |  | \$17,489 |  |  | \$0.442 |
| 10 | MARKETER | PGS | SO GA TRANS COMM | 3,865,780 |  | 3,865,780 |  | \$4,252 |  |  | \$0.110 |
| 11 | MARKETER ., | PGS | SONAT DEMAND | 11,157,375 |  | 11,157,375 |  |  | \$294,771 |  | \$2.642 |
| 12 | MARKETER | PGS | SO GA DEMAND | 11,067,000 |  | 11,067,000 |  |  | \$169,575 |  | \$1.532 |
| 13 | THIRD PARTY | PGS | COMMODITY | 26,742,084 |  | 26,742,084 | \$21,692,425 |  |  |  | \$81.117 |
| 14 | FGT | PGS | BAL. CHGS.JOTHER | 0 |  | 0 |  |  |  | \$100,000 | \$0.000 |
| 15 MARCH TOTAL |  |  | - | 175,070,639 | 31,327,250 | 206,397,889 | \$21,692,425 | \$184,239 | \$4,350,940 | \$100,000 | \$12.756 |





| COMPANY: PEOPLES GAS SYSTEM |  |  |  |  | TRANSPORTATION PURCHASES <br> SCHEDULE E-3 SYSTEM SUPPLY AND END USE |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ESTIMATED FOR THE PROJECTED PERIOD OF: |  |  |  |  |  | JANUARY '02 | Through | DECEMBER '02 |  |  |  |
| (A) | (B) | (C) | (D) | (E) | $(F)$ | (G) | (H) COMMODIT | (I) COST | (J) | (K) <br> OTHER | (ㄴ) <br> TOTAL |
| MONTH | PURCHASED FROM | PURCHASE FOR | $\begin{aligned} & \text { SCH } \\ & \text { TYPE } \end{aligned}$ | $\begin{aligned} & \text { SYSTEM } \\ & \text { SUPPLLY } \end{aligned}$ | $\begin{aligned} & \text { END } \\ & \text { USE } \end{aligned}$ | TOTAL PURCHASED | $\begin{aligned} & \text { THIRD } \\ & \text { PARTY } \end{aligned}$ | PIPELINE | DEMAND $\operatorname{cost}$ | CHARGES <br> ACA/GRIFUEL | CENTS PER <br> THERM |
| 1 JUL 2002 | FGT | PGS | FTS-4 COMM | 12,905,578 |  | 12,905,578 |  | \$44,911 |  |  | \$0.348 |
| 2 | FGT | PGS | FTS-1 COMM |  | 15,251,930 | 15,251,930 |  | \$53,077 |  |  | \$0.348 |
| 3 | FGT | PGS | FTS-2 COMM | 11,778,760 |  | 11,778,760 |  | \$20,966 |  |  | \$0.178 |
| 4 | FGT | PGS | FTS-1 DEMAND | 26,784,000 |  | 26,784,000 |  |  | \$995,561 |  | \$3.717 |
| 5 | FGT | PGS | FTS-1 OEMAND |  | 15,374,440 | 15,374,440 |  |  | \$571,468 |  | \$3.717 |
| 6 | FGT | PGS | FTS-2 DEMAND | 11,778,760 |  | 11,778,760 |  |  | \$900,840 |  | \$7.648 |
| 7 | FGT | PGS | NO NOTICE | 6,665,000 |  | 6,665,000 |  |  | \$39,324 |  | \$0.590 |
| 8 | THIRD PARTY | PGS | SWING SERVICE | $0$ |  |  | \$0 |  | \$0 |  | \$0.000 |
| 9 | MARKETER | PGS | SONAT TRANS COM | 8,969,048 |  | 8,969,048 |  | \$39,643 |  |  | \$0.442 |
| 10 | MARKETER | PGS | SO GA TRANS COMM | 8,762,760 |  | 8,762,760 |  | \$9,639 |  |  | \$0.110 |
| 11 | MARKETER | PGS | SONAT DEMAND | 11,157,375 |  | 11,157,375 |  |  | \$294,771 |  | \$2.642 |
| 12 | MARKETER | PGS | SO GA DEMAND | 11,067,000 |  | 11,067,000 | 1 |  | \$169,575 |  | \$1.532 |
| 13 | THIRD PARTY | PGS | COMMODITY | 18,195,168 |  | 18,195,168 | \$10,148,397 |  |  |  | \$55.775 |
| 14 | FGT | PGS | BAL. CHGS.IOTHER | 0 |  |  |  |  |  | \$100,000 | \$0.000 |
| 15 JULY TOTAL |  |  | - * | 128,063,449 | 30,626,370. | 158,689,819 | \$10,148,397 | \$168,237 | \$2,971,538 | \$100,000 | \$8.437 |







| COMPANY: PEOPLES GAS SYSTEM | CALCULATION OF PROJECTE <br> E PROJECTED PERI | UE-UP AMOUNT PERIOD <br> JANUARY '02 thr | gh DECEMBER '02 |  | DULE E-4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | PRIOR PERIOD: JAN '00 - DEC '00 |  |  | CURRENT PERIOD: JAN '01-DEC '01 |  |
|  | (1) <br> 8 MOS. ACT. 4 MOS. REVISED EST. | (2) ACTUAL | (3) (2)-(1) <br> DIFFERENCE | (4) <br> 8 MOS. ACT. 4 MOS. REVISED EST. | $\overline{(5)}$ $(3)+(4)$ <br> TOTAL TRUE-UP |
| 1 TOTAL THERM SALES \$ | \$133,404,723 | \$149,955,771 | \$16,551,048 | \$162,891,177 | \$179,442,225 |
| 2 TRUE-UP PROVISION FOR THIS PERIOD | (\$2,985,093) | (\$16,605,312) | (\$13,620,219) | \$17,501,998 | \$3,881,779 |
| 2a MISCELLANEOUS ADJUSTMENTS | \$0 | \$0 | \$0 | \$0 | \$0 |
| 3 INTEREST PROVISION FOR THIS PERIOD | \$45,928 | \$4,634 | $(\$ 41,294)$ | (\$239,571) | (\$280,865) |
| 3a TRUE-UP (COLLECTED) OR REFUNDED JAN'99 - MAR'99 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 4 END OF PERIOD TOTAL NET TRUE-UP | (\$2,939,165) | (\$16,600,678) | (\$13,661,513) | \$17,262,427 | \$3,600,915 |
| NOTE: FIVE MONTHS ACTUAL FOUR MONTHS REVISED ESTIMATE DATA OBTAINED FROM CURRENT PERIOD SCHEDULE (E-2). |  |  |  |  |  |
| COL.(1)SAME AS COL. (4 Less Line 3a) PRIOR PER. SCH.(E-4)COL.(2)DATA OBTAINED FROM DEC'00 SCHEDULE (A-2) |  | TOTAL TRUE-UP \$ | equals | CENTS PER THERM TRUE-UP |  |
|  |  | PROJ. TH. SALES |  | 0.01340 |  |
| LINE 4 COLUMN (2) SAME AS LINE 7 SCHEDULE (A-7), Dec'00 |  |  |  |  |  |
| LINE 4 COLUMN (3) SAME AS LINE 9 SCHEDULE (A-7), Dec'00 |  | \$3,600,915 |  |  |  |
| LINE 2 COLUMN (4) SAME AS LINE 7 SCHEDULE (E-2) |  | 268,712,573 | equals |  |  |
| LINE 2a COLUMN (4) SAME AS LINEs 10a+11a SCHEDULE (E-2) LINE 3 COLUMN (4) SAME AS LINE 8 SCHEDULE (E-2) |  |  |  |  |  |



| COMPANY: PEOPLES GAS SYTEM | PURCHASED GAS ADJUSTMENT <br>  <br> COST RECOVERY CLAUSE CALCULATION |
| :--- | :--- |
| ORIGINAL ESTIMATE FOR THE PROJECTED PERIOD: | JANUARY '02 through DECEMBER ' 02 |

Attachment

|  | Demand Allocation Factors-Winter Season |  | Demand Allocation Factors-Summer Season |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Peak Month January 2001 Actual Sales | Percent of Total | - | Current Month April 2001 Actual Sales | Percent of Total |
| Residential | 12,413,376.0 |  |  | 5,054,245.1 |  |
| Residential PGA Factor | 12,413,376.0 | 46.17\% |  | 5,054,245.1 | 31.30\% |
| Small General Service | 444,086.4 |  |  | 247,436.6 |  |
| Gen. Svc.-Comm. | 11,013,266.1 |  |  | 8,027,308.4 |  |
| Gen. Svc.-Comm. Lg. Vol.-1 | 5,140,777.2 |  |  | 4,289,325.9 |  |
| Gen. Svc.-Comm. Lg. Vol.-2 | 412,672.4 |  |  | 361,741.9 |  |
| Natural Gas Vehicle Sales | 46,991.6 |  |  | 43,743.3 |  |
| Comm. Street Lighting | 105,154.3 |  |  | 99,885.5 |  |
| Wholesale | 9,295.8 |  |  | 8,552.2 |  |
| Small Interruptible | 98,650.2 |  |  | 51,535.7 |  |
| Interruptible Lg. Vol.-1 | 468,232.2 |  |  | 111,360.8 |  |
| Interruptible Lg. Vol.-2 | 0.0 |  |  | 0.0 |  |
| Less Naturalchoice | $(3,265,192.6)$ |  |  | (2,146,395.6) |  |
| Commercial PGA Factor | 14,473,933.6 | 53.83\% |  | 11,094,494.7 | 68.70\% |
| Total System | 26,887,309.6 | 100.00\% |  | 16,148,739.8 | 100.00\% |

