

CASCADE NATURAL GAS CORPORATION

Docket No. UG-951415

1995 WASHINGTON ANALYSIS OF 1994 TEST PERIOD

Request #227

Date prepared: 1/31/96

Preparer: Peter A. Schwartz

Telephone: (206) 624-3900

*RE: Exhibit (PAS-4)*

*Please provide all workpapers, studies, documents, assumptions, and criteria utilized by Mr. Schwartz to calculate the unit costs and revenues for reconnection and collection fees during business hours and during after business hours. The response should include a definition of non-business hours and show the cost justification for each item's expense and associated revenue on a unit basis.*

Response:

See the attached workpapers.

WUTC	<u>216-950326,</u>	
DOCKET NO.	<u>-951415</u>	
EXHIBIT #	<u>40</u>	
ADMIT	W/D	REJECT
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

WASHINGTON / OREGON RECONNECTION & COLLECTION FEES

(Present Charge)	RECONNECTION	COLLECTION
Washington	\$12.50	\$ 5.00 (if SM rec \$)
Oregon	\$15.00 (\$20.00 after hrs)	\$10.00

ESTIMATE #1

Total estimated cost to dispatch service personnel for the disconnection of service due to non/payment of account (Wa/Ore):

Cost

\$ 5.00	Pre-collection & Follow-up - Phone calls, payment verification, documentation, work order to dispatch service mechanic for the disconnection of service, posting work order to close account, generating closing bill. (Assumes approximately 15 minutes of office staff's time, including overhead/benefits).
\$ .15	Forms - Work orders, disconnect notice, final disconnect notice, closing bill, envelopes, enclosures.
\$ .96	Postage - Assumes two mailings prior to disconnection (disconnect, final disconnect notice), closing bill.
\$15.50	Disconnection - Service mechanic dispatched to read and disconnect meter. (Assumes approximately 30 minutes, for travel and disconnection, including overhead/benefits).
\$ 3.00	Vehicle Usage / Depreciation - Assumes average trip of 10 miles @ \$.10 per, plus \$.20 per for depreciation (total depreciation /total miles driven).

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\$24.61

\*\* Note - Routine billing and payment processing are not included in this estimate, as they are performed in the normal course of business.

ESTIMATE #2

Total estimated cost to dispatch service personnel for the reconnection of service during regular business hours - 8am-5pm, M-F (Wa/Or):

Cost

\$ 5.00      Dispatching Service Mechanic - Phone calls, documentation, work order to dispatch service mechanic for the reconnection of service. (Assumes approximately 15 minutes of the office staff's time, including overhead/benefits).

\$15.50      Reconnection - Service mechanic dispatched to read the meter and reconnect service. (Assumes approximately 30 minutes of the service mechanics time for travel and reconnection, including overhead/benefits).

\$ 3.00      Vehicle Usage / Depreciation - Assumes average trip of 10 miles @ \$.10 per, plus \$.20 per for depreciation (total depreciation /total miles driven).

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\$23.50

\*\* Note - Routine billing and payment processing are not included in this estimate, as they are performed in the normal course of business.

ESTIMATE #3

Total estimated cost to dispatch service personnel for the reconnection of service after hours - after 5pm, weekends & holidays (Wa/Or):

Cost

\$ 6.50      Dispatching Service Mechanic - Phone calls, documentation, work order to dispatch service mechanic for the reconnection of service. (Assumes approximately 15 minutes of the office staff's time, including overhead/benefits).

\$82.00      Reconnection - Service mechanic dispatched to read the meter and reconnect service. (Assumes average "call out" of 2 hours, for travel and reconnection, including overtime, overhead/benefits).

\$ 3.00      Vehicle Usage / Depreciation - Assumes average trip of 10 miles @ \$.10 per, plus \$.20 per for depreciation (total depreciation /total miles driven).

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\$91.50

\*\* Note - Routine billing and payment processing are not included in this estimate, as they are performed in the normal course of business.

Labor Classification	Percent Total Hrly Of Hourly Rate With Rate Overhead	Total Overtime Rate With Overhead
Customer Account Analyst - A	68.89%	22.70
Customer Account Analyst - B	73.96%	19.92
Customer Account Analyst - C	80.30%	17.42

- [1] 7.65% of annual earnin
- [2] Washington, 0.60% of 1
- [3] \$0.1377 per hour worke
- [4] Actual Average
- [5] Annual holiday time of
- [6] Actual average
- [7] Average sick leave, fu
- [8] Based on 1993 average
- [9] Actual Average
- [10] Weighted average
- [11] One-half hour per day
- [12] The sum of AP01 in GL
- [13] GL 1842.779 FC 74 (Pur

average = \$ 20.00

average w/ot = \$ 26.00

using 1994 OH %  
1995 wages

K. Bernard

K. Barnard

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20-Apr-95  
11:18 AM

Labor Classification	Hourly Rate	Total Hrly Rate With Overhead	Total Overtime Rate With Overhead
Service Mechanic A	19.81	32.26	42.92
Service Mechanic B	18.57	30.53	40.53
Service Mechanic C	17.97	29.69	39.36

w.ing 1994 on %  
1995 wages

average \$ 31.00

overtime 41.00



CASCADE NATURAL GAS CORPORATION									
A/R for Oregon - 1989 compared to 1994									
	Residential								
	Revenue	Past Due	Percent	Revenue	Past Due	Percent	Difference		
	1989			1994			Revenue	Past Due	Percent
Jan	\$1,180,300.85	\$185,201.83	15.69%	\$1,722,415.21	\$235,037.96	13.65%	\$542,114.36	\$49,836.13	9.19%
Feb	\$1,291,431.84	\$246,006.85	19.05%	\$1,579,272.45	\$303,600.30	19.22%	\$287,840.61	\$57,593.45	20.01%
Mar				\$1,333,250.26	\$250,240.32	18.77%			
Apr	\$632,326.74	\$241,886.91	38.25%	\$963,306.79	\$200,044.85	20.77%	\$330,980.05	(\$41,842.06)	-12.64%
May	\$412,966.68	\$173,680.86	42.06%	\$583,799.80	\$136,588.38	23.40%	\$170,833.12	(\$37,092.48)	-21.71%
Jun	\$329,932.99	\$107,598.58	32.61%	\$446,953.69	\$76,251.93	17.06%	\$117,020.70	(\$31,346.65)	-26.79%
Jul	\$219,246.21	\$82,336.14	37.55%	\$314,823.93	\$45,805.75	14.55%	\$95,577.72	(\$36,530.39)	-38.22%
Aug				\$261,977.67	\$26,438.71	10.09%			
Sep	\$250,454.43	\$46,928.58	18.74%	\$321,662.36	\$14,763.59	4.59%	\$71,207.93	(\$32,164.99)	-45.17%
Oct	\$361,571.72	\$47,744.50	13.20%	\$514,924.16	\$21,113.37	4.10%	\$153,352.44	(\$26,631.13)	-17.37%
Nov	\$695,699.00	\$60,816.73	8.74%	\$1,163,730.67	\$44,479.99	3.82%	\$468,031.67	(\$16,336.74)	-3.49%
Dec	\$977,919.32	\$123,576.24	12.64%	\$1,998,411.84	\$144,836.08	7.25%	\$1,020,492.52	\$21,259.84	2.08%
Total	\$6,351,849.78	\$1,315,777.22	20.71%	\$11,204,528.83	\$1,499,201.23	13.38%	\$4,852,679.05	\$183,424.01	3.78%
Total less March and August									
August	\$6,351,849.78	\$1,315,777.22	20.71%	\$9,609,300.90	\$1,222,522.20	12.72%	\$4,852,679.05	\$183,424.01	3.78%

CASCADE NATURAL GAS CORPORATION									
A/R for Oregon - 1989 compared to 1994									
Commercial									
	Revenue	Past Due	Percent	Revenue	Past Due	Percent	Difference		
	1989			1994			Revenue	Past Due	Percent
Jan	\$1,399,514.19	\$225,724.45	16.13%	\$1,778,731.90	\$234,073.48	13.16%	\$379,217.71	\$8,349.03	2.20%
Feb	\$1,503,215.58	292964.35	19.49%	\$1,602,243.25	\$253,165.52	15.80%	\$99,027.67	(\$39,798.83)	-40.19%
Mar				\$1,259,775.66	\$220,186.45	17.48%			
Apr	\$660,042.99	\$189,969.42	28.78%	\$861,462.31	\$139,569.39	16.20%	\$201,419.32	(\$50,400.03)	-25.02%
May	\$482,283.82	\$115,059.72	23.86%	\$577,291.08	\$93,255.82	16.15%	\$95,007.26	(\$21,803.90)	-22.95%
Jun	\$374,942.52	\$70,144.48	18.71%	\$466,900.46	\$65,834.02	14.10%	\$91,957.94	(\$4,310.46)	-4.69%
Jul	\$315,765.40	\$49,270.21	15.60%	\$370,307.52	\$36,396.24	9.83%	\$54,542.12	(\$12,873.97)	-23.60%
Aug				\$451,790.74	\$31,466.71	6.96%			
Sep	\$371,220.48	\$40,339.98	10.87%	\$441,641.03	\$64,560.84	14.62%	\$70,420.55	\$24,220.86	34.39%
Oct	\$509,365.07	\$59,006.69	11.58%	\$717,067.82	\$52,998.37	7.39%	\$207,702.75	(\$6,008.32)	-2.89%
Nov	\$831,387.25	\$61,954.99	7.45%	\$1,369,304.90	\$48,222.57	3.52%	\$537,917.65	(\$13,732.42)	-2.55%
Dec	\$1,120,960.03	\$120,079.06	10.71%	\$1,995,933.51	\$143,283.70	7.18%	\$874,973.48	\$23,204.64	2.65%
Total	\$7,568,697.33	\$1,224,513.35	16.18%	\$11,892,450.18	\$1,383,013.11	11.63%	\$4,323,752.85	\$158,499.76	3.67%
Total less March and August									
August	\$7,568,697.33	\$1,224,513.35	16.18%	\$10,180,883.78	\$1,131,359.95	11.11%	\$4,323,752.85	\$158,499.76	3.67%