

**Citizens Telecommunications Companies - Group #1**

CMT Basket

Rate Element Detail

Rate Elements	base period demand 2003	prices at last PCI update
	A	B
1 EUCL - Res. & SLB excl. Semi-Public, 2nd Res.	7,343,515	6.50
2 EUCL - Lifeline	411,199	6.50
3 EUCL - Secondary Residence	634,639	7.00
4 EUCL - BRI ISDN	5,465	7.00
5 EUCL - MLB & Centrex incl. Coin, excl. BRI ISDN	2,107,671	9.20
6 EUCL - PRI ISDN	830	46.00
7 EUCL - Special Access Surcharge	3,332	25.00
8 Port - BRI ISDN	5,465	6.91
9 Port - PRI ISDN	830	59.21
10 Subtotal EUCL Lines or Revenue	10,506,639	
11 PICC - MLB incl. Coin	1,304,361	4.31
12 PICC - Centrex (groups of 9+ lines)	362,268	0.48
13 PICC - Centrex (groups of 8 lines)	19,859	0.54
14 PICC - Centrex (groups of 7 lines)	23,230	0.62
15 PICC - Centrex (groups of 6 lines)	27,643	0.72
16 PICC - Centrex (groups of 5 lines)	32,186	0.86
17 PICC - Centrex (groups of 4 lines)	38,227	1.08
18 PICC - Centrex (groups of 3 lines)	40,417	1.44
19 PICC - Centrex (groups of 2 lines)	40,854	2.16
20 PICC - PRI ISDN	24,896	21.55
21 Subtotal PICC Lines or Revenue	1,913,941	
22 CCL Premium Terminating MOU	1,384,996,282	0.00000000
24 CCL Non Premium Terminating MOU	0	0.00000000
23 CCL Premium Originating MOU	1,229,664,188	0.00000000
25 CCL Non Premium Originating MOU	0	0.00000000
26 Total CCL MOU or Revenues	2,614,660,470	
27 Total CMT Basket Revenues excluding USAC Receipts		
28 USAC Receipts	10,506,639	
29 CMT per line Revenues		
30 Other CMT revenues		
31 Total CMT Basket Revenues including USAC Receipts		
32 Pooling Revenues Included in CMT per line Revenues		
33 Total CMT Lines/CMT Rev. Per Line Excl. Pooling	10,506,639	

**Citizens Telecommunications Companies - Group #1**

CMT Basket

USAC Support Detail

base period  
demand

Type of Support/Study Area		COSA A	2003 B
Residence & Single Line Business			
1	CTC White Mountains - AZ	CTAZ	392,378
2	Crandon Tel - WI	CTCR	33,862
3	CTC WV - Rural	CTCW	393,384
4	CTC WV - Urban	CTGW	867,211
5	Headwaters Tel - WI	CTHW	73,410
6	CTC Idaho	CTID	219,190
7	CTC Montana	CTMT	79,542
8	CTC NY - Red Hook	CTRH	162,389
9	Rib Lake Tel - WI	CTRL	16,028
10	Rhineland Tel - WI	CTRN	143,073
11	CTC Tennessee	CTTN	670,594
12	CTC NY - Upstate	CTUP	2,626,140
13	CTC Utah	CTUT	202,556
14	CTC NY - Western Counties	CTWC	314,385
15	CTC California - Shasta	CUCA	1,242,347
16	CU Rural Tel AZ - Mohave	CURA	958,329
17	Total Residence & Single Line Business		8,394,818
Multiline Business			
18	CTC White Mountains - AZ	CTAZ	108,470
19	Crandon Tel - WI	CTCR	10,418
20	CTC WV - Rural	CTCW	58,211
21	CTC WV - Urban	CTGW	261,033
22	Headwaters Tel - WI	CTHW	2,755
23	CTC Idaho	CTID	41,524
24	CTC Montana	CTMT	17,317
25	CTC NY - Red Hook	CTRH	41,604
26	Rib Lake Tel - WI	CTRL	1,450
27	Rhineland Tel - WI	CTRN	50,114
28	CTC Tennessee	CTTN	214,738
29	CTC NY - Upstate	CTUP	612,172
30	CTC Utah	CTUT	65,001
31	CTC NY - Western Counties	CTWC	49,980
32	CTC California - Shasta	CUCA	314,240
33	CU Rural Tel AZ - Mohave	CURA	262,794
34	Total Multiline Business		2,111,821
35	Total for Tariff Unit		10,506,639

**Citizens Telecommunications Companies - Group #1**

Traffic Sensitive Basket

Rate Element Detail

Rate Elements		base period volumes 2003 A	prices in effect at last PCI update B
<b>Local Switching Service Category:</b>			
1	LS1 Premium Local Switching per Minute	7,500,482	0.00324014

2	LS2 Premium Local Switching per Minute	2,607,159,988	0.00324014
3	Non Premium Local Switching per Minute	0	0.00145806
4	FGA Usage Sensitive Credit Allw.	0	0.00000000
5	Switched 56Kpbs	0	0.00324014
6	Network Blocking - per Blocked Call (FGB, FGC, FGD &	0	0.0200
7	Carrier Identification Parameter, per trunk group	155.50	50.00
8	Carrier Identification Parmeter NRC	4	65.00
9	IC CIC Consolidation Charge	0	1.30
10	Agent List, NRC	0	50.00
11	Agent List, Initial, per Account	0	0.03
12	Agent List, Allocation, per Listing	0	0.03
13	Snapshot List, NRC	0	75.00
14	Snapshot List, per Listing	0	0.05
15	EU Valid List, Standard	0	0.0340
16	EU Valid List, Admin Fee	0	78.00
17	EU Valid List, Special Sort	0	0.0540
18	Operator Transfer Service	27,070	0.20
19	NXX Translation NRC, per order	371	221.00
20	500 NXX Translation per End Office	0	221.00
21	Coin Supervision	0	2.10
22	900 Blocking--Residence--Add Blocking	0	5.00
23	900 Blocking--Residence--Remove Blocking	0	5.00
24	900 Blocking--Business--Add Blocking	0	15.00
25	900 Blocking--Business--Remove Blocking	0	15.00
26	International Blocking	0	19.95

27 **SUB-TOTAL, Local Switching**

**SBI Calculation:**

28	SBI(py) = SBI on last day of previous tariff year
29	Proposed PCI (Non-Exogenous Only)
30	PCI(py) = PCI on last day of previous tariff year
31	SBI Upper(t-1)
32	ATS Targeting to Switching
33	Exogenous Cost Change factor for SBI

**Source / Comments:**

Trans. 140
Exhibit 2.1-2, Line 11
Trans. 140
Trans. 140
Exhibit 1.1-3, Line 1
1 + (Line 32 / Line 27 Col. E)

34	SBI(t-1) = Immed. preceeding SBI
35	Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio

Trans. 140
Col. G Line 27 / Col. F Line 27

36	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]
37	SBI Upper Limit

Line 34 * Line 35
Line 28 * (Line 29 / Line 30) * 1.05

**Citizens Telecommunications Companies - Group #1**

Traffic Sensitive Basket

Rate Element Detail

	base period volumes 2003	prices in effect at last PCI update
Rate Elements	A	B
<b>Information Services Category:</b>		
1 Information Surcharge--Premium	0	0.00000000
2 Information Surcharge--Non Premium	0	0.00000000

### 3 SUB-TOTAL, Information

<b>SBI Calculation:</b>	<b>Source / Comments:</b>
4 SBI(py) = SBI on last day of previous tariff year	Trans. 140
5 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
6 PCI(py) = PCI on last day of previous tariff year	Trans. 140
7 SBI Upper(t-1)	Trans. 140
8 ATS Targeting to Information	Exhibit 1.1-3, Line 2
9 Exogenous Cost Change factor for SBI	1 + (Line 8 / Line 3 Col. E)
10 SBI(t-1) = Immed. preceeding SBI	Trans. 140
11 Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 3 / Col. F Line 3
12 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 10 * Line 11
13 SBI Upper Limit	Line 4 * (Line 5 / Line 6) * 1.05

#### Citizens Telecommunications Companies - Group #1

Traffic Sensitive Basket  
Rate Element Detail

Rate Elements	base period volumes 2003 A	prices in effect at last PCI update B
<b>800 Data Base - Vertical Features</b>		
1 no services currently provided		

### 2 SUB-TOTAL, 800 DB Vertical Features

<b>SBI Calculation:</b>	<b>Source / Comments:</b>
3 SBI(py) = SBI on last day of previous tariff year	Trans. 140
4 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
5 PCI(py) = PCI on last day of previous tariff year	Trans. 140
6 SBI Upper(t-1)	Trans. 140
7 Undesig Exog Chg Targeted to Database Access	Exhibit 1.1-2, Line 4
8 Exogenous Cost Change factor for SBI	1 + (Line 7 / Exhibit 3.1-6 Line 4 Col.
9 SBI(t-1) = Immed. preceeding SBI	Trans. 140
10 Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 2 / Col. F Line 2
11 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 9 * Line 10
12 SBI Upper Limit	Line 3 * (Line 4 / Line 5) * 1.05

#### Citizens Telecommunications Companies - Group #1

Traffic Sensitive Basket  
Rate Element Detail

Rate Elements	base period volumes 2003 A	prices in effect at last PCI update B
<b>Database Access</b>		
1 800 DB Query Charge	407,921,275	0.01047977
2 LNP Access Query Charge	1,182,941	0.02000000

3 SUB-TOTAL, 800 Database Basic

4 SUB-TOTAL, Database Access

<b>SBI Calculation:</b>	<b>Source / Comment</b>
5 SBI(py) = SBI on last day of previous tariff year	Trans. 140
6 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
7 PCI(py) = PCI on last day of previous tariff year	Trans. 140
8 SBI Upper(t-1)	Trans. 140
9 Exogenous Change Targeted to Database Access	Exhibit 1.1-2, Line 4
10 Exogenous Cost Change factor for SBI	1 + (Line 9 / Line 4 Col. E)
11 SBI(t-1) = Immed. preceeding SBI	Trans. 140
12 Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 4 / Col. F Line 4
13 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 11 * Line 12
14 SBI Upper Limit	Line 5 * (Line 6 / Line 7) * 1.05

**Citizens Telecommunications Companies - Group #1**

Traffic Sensitive Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices in effect at last PCI update B
<b>Billing Name &amp; Address</b>		
1 BNA per order	0	28.00
2 BNA Found/Each	0	0.40
3 BNA Not Found/Each	0	0.40

4 SUB-TOTAL, BNA

<b>SBI Calculation:</b>	<b>Source / Comments:</b>
5 SBI(py) = SBI on last day of previous tariff year	Trans. 140
6 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
7 PCI(py) = PCI on last day of previous tariff year	Trans. 140
8 SBI Upper(t-1)	Trans. 140
9 Exogenous Change Targeted to BNA	Exhibit 1.1-2, Line 8
10 Exogenous Cost Change factor for SBI	1 + (Line 9 / Line 4 Col. E)
11 SBI(t-1) = Immed. preceeding SBI	Trans. 140
12 Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 4 / Col. F Line 4
13 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 11 * Line 12
14 SBI Upper Limit	Line 5 * (Line 6 / Line 7) * 1.05

**Citizens Telecommunications Companies - Group #1**

Traffic Sensitive Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices in effect at last PCI update B
---------------	-------------------------------------	--

**Trunk Ports**

1	Shared DS1 Port Charge - per MOU	1,754,605,265	0.00257273
2	Multiplexers - (Trunk Side of End Office) - per MOU	2,232,308,755	0.00075469
3	Dedicated VG (DSO) Port Charge	69.00	10.00
4	Dedicated DS1 Port Charge	9,625.45	150.00
5	Dedicated DS3 Port Charge	11.76	5,000.00

## 6 SUB-TOTAL, Trunk Ports

**SBI Calculation:**

- 7 SBI(py) = SBI on last day of previous tariff year  
8 Proposed PCI (Non-Exogenous Only)  
9 PCI(py) = PCI on last day of previous tariff year  
10 SBI Upper(t-1)  
11 ATS Targeting to Trunk Ports  
12 Exogenous Cost Change factor for SBI

**Source / Comments:**

Trans. 140  
Exhibit 2.1-2, Line 11  
Trans. 140  
Trans. 140  
Exhibit 1.1-3, Line 3  
1 + (Line 11 / Line 6 Col. E)

- 13 SBI(t-1) = Immed. preceeding SBI  
14  $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$   
15 SBI(t) = SBI(t-1)\*Sum[V\*P(t)/P(t-1)]  
16 SBI Upper Limit

Trans. 140  
Col. G Line 6 / Col. F Line 6  
Line 13 \* Line 14  
Line 7 \* (Line 8 / Line 9) \* 1.05

**Citizens Telecommunications Companies - Group #1**

Traffic Sensitive Basket  
Rate Element Detail

	base period volumes 2003 A	prices in effect at last PCI update B
Rate Elements		
<b>STP Ports</b>		
1 Signalling Transfer Point Port Termination	0	720.00

## 2 SUB-TOTAL, STP Ports

**SBI Calculation:**

- 3 SBI(py) = SBI on last day of previous tariff year  
4 Proposed PCI (Non-Exogenous Only)  
5 PCI(py) = PCI on last day of previous tariff year  
6 SBI Upper(t-1)  
7 ATS Targeting to STP Ports  
8 Exogenous Cost Change factor for SBI

**Source / Comments:**

Trans. 140  
Exhibit 2.1-2, Line 11  
Trans. 140  
Trans. 140  
Exhibit 1.1-3, Line 4  
1 + (Line 7 / Line 2 Col. E)

- 9 SBI(t-1) = Immed. preceeding SBI  
10  $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$   
11 SBI(t) = SBI(t-1)\*Sum[V\*P(t)/P(t-1)]  
12 SBI Upper Limit

Trans. 140  
Col. G Line 2 / Col. F Line 2  
Line 9 \* Line 10  
Line 3 \* (Line 4 / Line 5) \* 1.05

## 13 GRAND TOTAL, Traffic Sensitive Basket

**Traffic Sensitive Basket API Calculation:**

- 14 API(t-1) = Immediately Preceding API

**Source / Comments:**

Trans. 140

15  $[SUM(v) * (P(t)/P(t-1))] = \text{API wtd. price ratio}$   
 16  $\text{API}(t) = \text{API}(t-1) * [SUM(v) * (P(t)/P(t-1))]$

Col. G Line 13 / Col. F Line 13  
 Line 14 \* Line 15

### Citizens Telecommunications Companies - Group #1

Trunking Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices in effect at last PCI update B
<b>Tandem Switched Transport Service Category:</b>		
1 Termination - per Termination, per minute	3,555,262,669	0.00100000
2 Facility - per Mile, per minute	32,063,392,000	0.00005000
3 Tandem Switching per minute	749,279,803	0.00005000
4 Shared Mux DS3 to DS1, per MOU	436,358,689	0.00005000
5 Voice Grade Tandem Trunk Port	0.00	10.00
6 DS1 Tandem Trunk Port	9,451.93	150.00
7 DS3 Tandem Trunk Port	0.00	5,000.00
8 SUB-TOTAL, Tandem Switched Transport		

### Tandem Switched Transport SBI Calculation:

### Source / Comments:

9 SBI(py) = SBI on last day of previous tariff year	Trans. 140
10 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
11 PCI(py) = PCI on last day of previous tariff year	Trans. 140
12 SBI Upper(t-1)	Trans. 140
13 ATS Targeting to Tandem Transport	Exhibit 1.1-3, Line 6
14 Exogenous Cost Change factor for SBI	1 + (Line 13 / Line 8 Col. E)
15 SBI(t-1) = Immed. preceeding SBI	Trans. 140
16 $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$	Col. G Line 8 / Col. F Line 8
17 SBI(t) = SBI(t-1) * $\text{Sum}[V * P(t) / P(t-1)]$	Line 15 * Line 16
18 SBI Upper Limit	Line 9 * (Line 10 / Line 11) * 1.02

### Citizens Telecommunications Companies - Group #1

Trunking Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
<b>Voice Grade Service Category: Non-Density Zone</b>		
1 VG Entrance facility -- 2 Wire	24.00	55.93
2 VG Entrance facility -- 4 Wire	74.40	91.00
3 VG Direct Trunked Termination - Mohave	51.00	100.00
4 VG Direct Trunked Termination - All Other	433.11	38.00
5 VG Direct Trunked Facility - Mohave	0.00	0.00
5 VG Direct Trunked Facility - All Other	6,607.88	0.61
6 VG Entrance Facility -- NRC	0	488.24
7 VG Dir. Trk. Transport Activated, per service order	0	130.23

8 SUB-TOTAL, Voice Grade

**Voice Grade SBI Calculation:**

- 9 SBI(py) = SBI on last day of previous tariff year
- 10 Proposed PCI (Non-Exogenous Only)
- 11 PCI(py) = PCI on last day of previous tariff year
- 12 SBI Upper(t-1)
- 13 ATS Targeting to Voice Grade
- 14 Exogenous Cost Change factor for SBI
- 15 SBI(t-1) = Immed. preceeding SBI
- 16  $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$
- 17  $\text{SBI}(t) = \text{SBI}(t-1) * \text{Sum}[V * P(t) / P(t-1)]$
- 18 SBI Upper Limit

**Source / Comments:**

Trans. 140  
 Exhibit 2.1-2, Line 11  
 Trans. 140  
 Trans. 140  
 Exhibit 1.1-3, Line 7  
 1 + (Line 13 / Line 8 Col. E)  
 Trans. 140  
 Col. G Line 8 / Col. F Line 8  
 Line 15 \* Line 16  
 Line 9 \* (Line 10 / Line 11) \* 1.05

**Citizens Telecommunications Companies - Group #1**

Trunking Basket  
 Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
<b>High Capacity &amp; Other Service Category:</b>		
<b>DS 1 Non-Density Zone:</b>		
1 DS1 Entrance facility	3,020.49	150.00
2 DS1 Direct Trunked Termination - Mohave	591.33	900.00
3 DS1 Direct Trunked Termination - All Other	18,835.11	150.00
4 DS1 Direct Trunked Facility - Mohave	0.00	0.00
5 DS1 Direct Trunked Facility - All Other	349,923.62	7.33
6 Mux DS1 to voice	4,075.73	263.00
7 Mux DS1 to voice -- NRC	101	417.00
8 DS1 Entrance Facility -- NRC	0	600.00
9 DS1 Dir. Trk. Transport, per 24 Trunks Activated	0	50.81
10 DS1 Dir. Trk. Transport Activated, per service order	340	130.23

8 SUB-TOTAL, DS1 Service

**DS1 Subindex Calculation:**

- 9 SBI(py) = SBI on last day of previous tariff year
- 10 Proposed PCI (Non-Exogenous Only)
- 11 PCI(py) = PCI on last day of previous tariff year
- 12 SBI Upper(t-1)
- 13 ATS Targeting to DS1
- 14 Exogenous Cost Change factor for SBI
- 15 SBI(t-1) = Immed. preceeding SBI
- 16  $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$
- 17  $\text{SBI}(t) = \text{SBI}(t-1) * \text{Sum}[V * P(t) / P(t-1)]$
- 18 SBI Upper Limit

**Source / Comments:**

Trans. 140  
 Exhibit 2.1-2, Line 11  
 Trans. 140  
 Trans. 140  
 Exhibit 1.1-3, Line 8  
 1 + (Line 13 / Line 8 Col. E)  
 Trans. 140  
 Col. G Line 8 / Col. F Line 8  
 Line 15 \* Line 16  
 Line 9 \* (Line 10 / Line 11) \* 1.05



**Citizens Telecommunications Companies - Group #1**

Trunking Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
<b>DS 3 Non-Density Zone:</b>		
1 DS3 Entrance facility	55.94	1,500.00
2 DS3 Direct Trunked Termination	22.10	900.00
3 DS3 Direct Trunked Facility	462.10	120.00
4 Mux DS3 to DS1, per month	155.43	1,400.00
5 Mux DS3 to DS1 -- NRC	9	1,297.00
6 DS3 Entrance Facility -- NRC	0	3,410.00
7 DS3 Dir. Trk. Transport Activated, per service order	0	415.00
8 SUB-Total, DS3 Service		

**DS3 Subindex Calculation:**
**Source / Comments:**

9 SBI(py) = SBI on last day of previous tariff year	Trans. 140
10 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
11 PCI(py) = PCI on last day of previous tariff year	Trans. 140
12 SBI Upper(t-1)	Trans. 140
13 ATS Targeting to DS3	Exhibit 1.1-3, Line 9
14 Exogenous Cost Change factor for SBI	1 + (Line 13 / Line 8 Col. E)
15 SBI(t-1) = Immed. preceeding SBI	Trans. 140
16 $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$	Col. G Line 8 / Col. F Line 8
17 $\text{SBI}(t) = \text{SBI}(t-1) * \text{Sum}[V * P(t) / P(t-1)]$	Line 15 * Line 16
18 SBI Upper Limit	Line 9 * (Line 10 / Line 11) * 1.05

**Citizens Telecommunications Companies - Group #1**

Trunking Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
<b>Other</b>		
1 CCS/SS7 Signaling Mileage Faciity per mile	1,301.74	2.17
2 CCS/SS7 Signaling Mileage Termination per term	24	32.67
3 CCS/SS7 Singaling Entrance Faciltiy	60	107.80
4 CCS/SS7 Singaling Entrance Faciltiy NRC	0	347.02
5 SUB-TOTAL, Other High Cap		
6 SUB-TOTAL, High Capacity & Other		

**High Cap & Other SBI Calculation:**

- 7 SBI(py) = SBI on last day of previous tariff year  
 8 Proposed PCI (Non-Exogenous Only)  
 9 PCI(py) = PCI on last day of previous tariff year  
 10 SBI Upper(t-1)  
 11 ATS Targeting to High Capacity  
 12 Exogenous Cost Change factor for SBI

**Source / Comments:**

Trans. 140  
 Exhibit 2.1-2, Line 11  
 Trans. 140  
 Trans. 140  
 Exhibit 1.1-3, Sum of Lines 8..10  
 1 + (Line 11 / Line 6 Col. E)

- 13 SBI(t-1) = Immed. preceeding SBI  
 14  $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$

Trans. 140  
 Col. G Line 6 / Col. F Line 6

- 15 SBI(t) = SBI(t-1)\*Sum[V\*P(t)/P(t-1)]  
 16 SBI Upper Limit

Line 13 \* Line 14  
 Line 7 \* (Line 8 / Line 9) \* 1.05

17 **GRAND TOTAL, Trunking Basket**

**Trunking Basket API Calculation:**

- 18 API(t-1) = Immediately Preceding API  
 19  $[\text{SUM}(v) * (P(t) / P(t-1))] = \text{API wtd. price ratio}$   
 20  $\text{API}(t) = \text{API}(t-1) * [\text{SUM}(v) * (P(t)/P(t-1))]$

**Source / Comments:**

Trans. 140  
 Col. G Line 17 / Col. F Line 17  
 Line 18 \* Line 19

**Citizens Telecommunications Companies - Group #1**

Special Access Basket

Rate Element Detail

	base period volumes 2003 A	prices at last PCI update B
Rate Elements		
<b>VG/WATS/Metal/Teleg Service Category:</b>		
1 VG Channel Termination, 2 Wire	3,189	55.93
2 VG Channel Termination, 4 Wire	8,402	91.00
3 Metallic Channel Termination	0	55.93
4 VG Channel Mileage Termination, per term.	10,446	39.00
5 Metallic Channel Mileage Termination, per term.	0	42.00
6 VG Channel Mileage Facility, per mile	201,731	0.61
7 Metallic Channel Mileage Facility, per mile	13	0.75
8 VG Channel Term 4W NRC, per termination	4	488.24
9 VG Channel Term 2W NRC, per termination	0	488.24
10 VG 2W/4W Channel Term NRC, per order	51	130.23
11 VG data bridging 2W/4W	144	1.00
12 VG Voice bridging, 2W/4W	320	1.00
13 VG C-type conditioning	192	1.00
14 VG Improved Attenuation Distortion	228	1.00
15 VG Improved Envelope Delay Distortion	0	7.74
16 VG data capability	491	1.00
17 VG Improved Return Loss for Effective 2w/4w	72	1.00
18 VG Customer Specified Receive Level	29	1.00
19 VG Signaling Capability	347	1.00
20 VG Selective Signaling Arrangement	0	1.00

21	VG Improved Term Option	149	1.00
22	Metallic Channel Term NRC, per termination	0	488.24
23	Metallic Channel Term NRC, per order	0	130.23

24 SUB-TOTAL, VG/WATS/METLL/TELEG

VG/WATS/Metallic/Teleg. SBI Calculation:		Source / Comments:	
25	SBI(py) = SBI on last day of previous tariff year	Trans. 140	
26	Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11	
27	PCI(py) = PCI on last day of previous tariff year	Trans. 140	
28	SBI Upper(t-1)	Trans. 140	
29	Exogenous Change Targeted to Voice Grade	ERR	
30	Undesignated Exog. Chg for Special Access Basket	ERR	
31	Exogenous Cost Change factor for SBI	1 + (Line 29 / Line 24 Col. E) + (Line 30 / Line 24 Col. E)	
32	SBI(t-1) = Immed. preceeding SBI	Trans. 140	
33	Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 24 / Col. F Line 24	
34	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 32 * Line 33	
35	SBI Upper Limit	Line 25 * (Line 26 / Line 27) * 1.05	

**Citizens Telecommunications Companies - Group #1**

Special Access Basket

Rate Element Detail

Rate Elements	base period volumes 2003	prices at last PCI update
	A	B
<b>Audio/Video Service Category:</b>		
1 PA Channel Termination mo 200-3500 HZ	122	37.52
2 PA Channel Termination mo 100-5000 HZ	0	37.95
3 PA Channel Termination mo 50-8000 HZ	0	37.95
4 PA Channel Termination mo 50-15000 HZ	64	37.95
5 PA Channel Termination dly 200-3500 HZ	0	5.20
6 PA Channel Termination dly 100-5000 HZ	12	5.20
7 PA Channel Termination dly 50-8000 HZ	12	5.20
8 PA Channel Termination dly 50-15000 HZ	0	5.20
9 PA Channel Mlg. Termination mo 200-3500 HZ	24	37.95
10 PA Channel Mlg. Termination mo 100-5000 HZ	12	37.95
11 PA Channel Mlg. Termination mo 50-8000 HZ	0	37.95
12 PA Channel Mlg. Termination mo 50-15000 HZ	20	37.95
13 PA Channel Mlg. Termination dly 200-3500 HZ	0	4.57
14 PA Channel Mlg. Termination dly 100-5000 HZ	0	4.57
15 PA Channel Mlg. Termination dly 50-8000 HZ	12	4.57
16 PA Channel Mlg. Termination dly 50-15000 HZ	0	4.57
17 PA Channel Mlg. Facility mo 200-3500 HZ	0	0.80
18 PA Channel Mlg. Facility mo 100-5000 HZ	80	1.55
19 PA Channel Mlg. Facility mo 50-8000 HZ	0	2.40
20 PA Channel Mlg. Facility mo 50-15000 HZ	180	3.10
21 PA Channel Mlg. Facility dly 200-3500 HZ	0	0.08
22 PA Channel Mlg. Facility dly 100-5000 HZ	0	0.16

23	PA Channel Mlg. Facility dly 50-8000 HZ	63	0.24
24	PA Channel Mlg. Facility dly 50-15000 HZ	0	0.32
25	PA Channel Termination 200-3500 HZ NRC	0	741.01
26	PA Channel Termination 100-5000 HZ NRC	0	741.01
27	PA Channel Termination 50-8000 HZ NRC	0	741.01
28	PA Channel Termination 50-15000 HZ NRC	0	741.01
29	PA Channel Termination, NRC per order	0	130.23
30	PA gain conditioning, monthly	0	12.00
31	PA gain conditioning, daily	0	1.20

32 SUB-TOTAL, Audio/Video

**Audio/Video SBI Calculation:**

33	SBI(py) = SBI on last day of previous tariff year
34	Proposed PCI (Non-Exogenous Only)
35	PCI(py) = PCI on last day of previous tariff year
36	SBI Upper(t-1)
37	Exogenous Change Targeted to Audio/Video
38	Undesignated Exog. Chg for Special Access Basket
39	Exogenous Cost Change factor for SBI

**Source / Comments:**

Trans. 140
Exhibit 2.1-2, Line 11
Trans. 140
Trans. 140
ERR
ERR
1 + (Line 37 / Line 32 Col. E) + (Line 38 / Line 32 Col. E)

40	SBI(t-1) = Immed. preceeding SBI
41	Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio

Trans. 140
Col. G Line 32 / Col. F Line 32

42	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]
----	--------------------------------------

Line 40 * Line 41
-------------------

43	SBI Upper Limit
----	-----------------

Line 33 * (Line 34 / Line 35) * 1.05
--------------------------------------

**Citizens Telecommunications Companies - Group #1**

Special Access Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
---------------	-------------------------------------	--------------------------------------

**High Capacity/DDS Service Category:**

**DS 1 Non-Density Zone:**

1	DS1 Channel Termination	66,426	180.00
2	DS1 Chan Term 1 Yr (CTC-CA, specified exchs.)	0	180.00
3	DS1 Chan Term 2 Yr (CTC-CA, specified exchs.)	0	170.00
4	DS1 Chan Term 3 Yr (CTC-CA, specified exchs.)	0	160.00
5	DS1 Chan Term 5 Yr (CTC-CA, specified exchs.)	201	140.00
6	DS1 Channel Mileage Termination	55,249	193.37
7	DS1 Channel Mileage Facility	1,011,221	10.00
8	DS1 Channel Termination NRC per termination	398	600.00
9	DS1 Channel Termination NRC per order	1,348	130.59
10	DS1 Channel Termination NRC, term payment plan	0	450.00
11	Mux DS1 to voice	1,738	263.00
12	Mux DS1 to voice NRC	4	417.00
13	Mux DS1 to DS0	10	263.00

14 Mux DS1 to DS0 NRC	0	417.00
15 Automatic Loop Transfer, per termination	0	143.05
16 Clear Channel Capability	28,820	0.00
17 Clear Channel Capability NRC	0	538.19

18 SUB-TOTAL, DS1 Service

**DS1 Subindex Calculation:**

**Source / Comments:**

19 SBI(py) = SBI on last day of previous tariff year	Trans. 140
20 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
21 PCI(py) = PCI on last day of previous tariff year	Trans. 140
22 SBI Upper(t-1)	Trans. 140
23 Exogenous Change Targeted to Hi Cap	ERR
24 Undesignated Exog. Chg for Special Access Basket	ERR
25 Exogenous Cost Change factor for SBI	1 + (Line 23 / Exhibit 3.1-19Line 62 C
26 SBI(t-1) = Immed. preceeding SBI	Trans. 140
27 Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 18 / Col. F Line 18
28 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 26 * Line 27
29 SBI Upper Limit	Line 19 * (Line 20 / Line 21) * 1.05

**Citizens Telecommunications Companies - Group #1**

Special Access Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
<b>DS 3 Non-Density Zone:</b>		
1 DS3 Channel Termination	1,756	1,500.00
2 DS3 Channel Mileage Termination	1,906	900.00
3 DS3 Channel Mileage Facility	22,641	120.00
4 DS3 Channel Termination NRC per termination	58	3,410.00
5 DS3 Channel Termination NRC per order	76	415.00
6 Mux DS3 to DS1	449	1,400.00
7 Mux DS3 to DS1 NRC	4	1,297.00

8 SUB-Total, DS3 Service

**DS3 Subindex Calculation:**

**Source / Comments:**

9 SBI(py) = SBI on last day of previous tariff year	Trans. 140
10 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
11 PCI(py) = PCI on last day of previous tariff year	Trans. 140
12 SBI Upper(t-1)	Trans. 140
13 Exogenous Change Targeted to Hi Cap	Exhibit 1.1-2, Line 14
14 Undesignated Exog. Chg for Special Access Basket	Exhibit 1.1-2, Line 17
15 Exogenous Cost Change factor for SBI	1 + (Line 13 / Exhibit 3.1-19Line 62 C
16 SBI(t-1) = Immed. preceeding SBI	Trans. 140

17  $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$

Col. G Line 8 / Col. F Line 8

18  $\text{SBI}(t) = \text{SBI}(t-1) * \text{Sum}[V * P(t) / P(t-1)]$

Line 16 \* Line 17

19 SBI Upper Limit

Line 9 \* (Line 10 / Line 11) \* 1.05

### Citizens Telecommunications Companies - Group #1

Special Access Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
<b>DDS &amp; Other</b>		
1 DDS Channel Termination 2.4 Kbps	159	100.65
2 DDS Channel Termination 4.8 Kbps	48	100.65
3 DDS Channel Termination 9.6 Kbps	2,659	100.65
4 DDS Channel Termination 19.2 Kbps	117	100.65
5 DDS Channel Termination 56 Kbps	28,424	100.65
6 DDS Channel Termination 64 Kbps	691	100.65
7 OC-3 Channel Termination	66	3,200.00
8 OC-3c Channel Termination	0	3,000.00
9 DDS Channel Mileage Termination 2.4 Kbps	123	47.00
10 DDS Channel Mileage Termination 4.8 Kbps	66	47.00
11 DDS Channel Mileage Termination 9.6 Kbps	2,649	47.00
12 DDS Channel Mileage Termination 19.2 Kbps	94	47.00
13 DDS Channel Mileage Termination 56 Kbps	25,136	70.00
14 DDS Channel Mileage Termination 64 Kbps	786	70.00
15 OC-3 Channel Mileage Termination	79	2,000.00
16 OC-3c Channel Mileage Termination	0	2,000.00
17 DDS Channel Mileage Facility 2.4 Kbps	1,554	0.35
18 DDS Channel Mileage Facility 4.8 Kbps	314	0.35
19 DDS Channel Mileage Facility 9.6 Kbps	34,255	0.35
20 DDS Channel Mileage Facility 19.2 Kbps	1,850	0.35
21 DDS Channel Mileage Facility 56 Kbps	930,531	0.65
22 DDS Channel Mileage Facility 64 Kbps	22,480	0.65
23 OC-3 Channel Mileage Facility	146	280.00
24 OC-3c Channel Mileage Facility	0	280.00
25 DDS Channel Termination 2.4 Kbps NRC	0	519.09
26 DDS Channel Termination 4.8 Kbps NRC	0	519.09
27 DDS Channel Termination 9.6 Kbps NRC	1	519.09
28 DDS Channel Termination 19.2 Kbps NRC	0	519.09
29 DDS Channel Termination 56 Kbps NRC	27	519.09
30 DDS Channel Termination 64 Kbps NRC	4	519.09
31 DDS Channel Termination NRC per order	282	130.23
32 OC-3 Channel Termination NRC	4	3,600.00
33 OC-3c Channel Termination NRC	0	3,600.00
34 OC-3 Channel Termination NRC per order	3	415.00
35 OC-3c Channel Termination NRC per order	0	415.00
36 DDS Central Office Bridging, per Port	0	12.53
37 OC-3 to DS3 Multiplexing	0	1,500.00

38	OC-3 to DS1 Multiplexing	0	1,800.00
39	OC-3 to DS3 Multiplexing NRC	0	1,297.00
40	OC-3 to DS1 Multiplexing NRC	0	1,297.00
41	NID Replacement NRC	0	99.00
42	Service Date Change - NRC	119	12.38
43	Design Change Charge - NRC	10	31.76
44	Cancellation Charge - NRC	192	402.75
45	Restoration Priority	54	4.90
46	Add'l Engineering, per 1/2 hour, Basic	0	30.19
47	Add'l Engineering, per 1/2 hour, Overtime	0	45.29
48	Add'l Engineering, per 1/2 hour, Premium	0	60.38
49	Add'l Labor, per 1/2 hour per technician, Basic	417	23.51
50	Add'l Labor, per 1/2 hour per technician, Overtime	0	35.27
51	Add'l Labor, per 1/2 hour per technician, Premium	0	47.02
52	Add'l Testing, per 1/2 hour per technician, Basic	0	23.51
53	Add'l Testing, per 1/2 hour per technician, Overtime	0	35.27
54	Add'l Testing, per 1/2 hour per technician, Premium	0	47.02
55	Standby, per 1/2 hour per technician, Basic	0	23.51
56	Standby, per 1/2 hour per technician, Overtime	0	35.27
57	Standby, per 1/2 hour per technician, Premium	0	47.02
58	Programming, per 1/2 hour per programmer, Basic	0	23.51
59	Programming, per 1/2 hour per programmer, Overtime	0	35.27
60	Programming, per 1/2 hour per programmer, Premium	0	47.02

61 SUB-TOTAL, Other High Cap & DDS

62 SUB-TOTAL, High Capacity/DDS

**High Cap/DDS SBI Calculation:**

**Source / Comments:**

63	SBI(py) = SBI on last day of previous tariff year	Trans. 140
64	Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
65	PCI(py) = PCI on last day of previous tariff year	Trans. 140
66	SBI Upper(t-1)	Trans. 140
67	Exogenous Change Targeted to Hi Cap	Exhibit 1.1-2, Line 14
68	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.1-2, Line 17
69	Exogenous Cost Change factor for SBI	1 + (Line 67 / Line 62 Col. E) + (Line
70	SBI(t-1) = Immed. preceeding SBI	Trans. 140
71	Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 62 / Col. F Line 62
72	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 70 * Line 71
73	SBI Upper Limit	Line 63 * (Line 64 / Line 65) * 1.05

74 GRAND TOTAL, Special Access Basket

**Special Access Basket API Calculation:**

**Source / Comments:**

75	API(t-1) = Immediately Preceeding API	Trans. 140
76	[SUM (v) * ( P(t) / P(t-1) ) ] = API wtd.price ratio	Col. G Line 74 / Col. F Line 74
77	API(t) = API(t-1) * [SUM(v) * (P(t)/P(t-1))]	Line 75 * Line 76

Trans. 151  
Exhibit 3.1-1

existing prices C	Maximum Allowed prices D	proposed prices E	revenues at last PCI update F = A * B	revenues at existing prices G = A * C	revenues at maximum prices H = A * D
6.50	6.50	6.50	\$47,732,848	\$47,732,848	\$47,732,848
6.50	6.50	6.50	\$2,672,794	\$2,672,794	\$2,672,794
7.00	7.00	7.00	\$4,442,473	\$4,442,473	\$4,442,473
7.00	7.00	7.00	\$38,255	\$38,255	\$38,255
9.20	9.20	9.20	\$19,390,573	\$19,390,573	\$19,390,573
46.00	46.00	46.00	\$38,180	\$38,180	\$38,180
25.00	25.00	25.00	\$83,300	\$83,300	\$83,300
6.91	6.91	6.91	\$37,763	\$37,763	\$37,763
59.21	59.21	59.21	\$49,144	\$49,144	\$49,144
			\$74,485,330	\$74,485,330	\$74,485,330
4.31	4.31	4.31	\$5,621,796	\$5,621,796	\$5,621,796
0.48	0.48	0.48	\$173,486	\$173,486	\$173,486
0.54	0.54	0.54	\$10,699	\$10,699	\$10,699
0.62	0.62	0.62	\$14,303	\$14,303	\$14,303
0.72	0.72	0.72	\$19,857	\$19,857	\$19,857
0.86	0.86	0.86	\$27,744	\$27,744	\$27,744
1.08	1.08	1.08	\$41,190	\$41,190	\$41,190
1.44	1.44	1.44	\$58,066	\$58,066	\$58,066
2.16	2.16	2.16	\$88,040	\$88,040	\$88,040
21.55	21.55	21.55	\$536,509	\$536,509	\$536,509
			\$6,591,690	\$6,591,690	\$6,591,690
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
			\$0	\$0	\$0
			\$81,077,019	\$81,077,019	\$81,077,019
			\$22,876,262	\$22,876,262	\$23,434,840
			\$103,783,074	\$103,783,074	\$104,341,652
			\$170,207	\$170,207	\$170,207
			\$103,953,281	\$103,953,281	\$104,511,859
			\$0	\$0	\$3,868,895
			9.877857	9.877857	9.562788

Trans. 151  
Exhibit 3.1-2

Current Support	Proposed Support	Current Total	Proposed Total
--------------------	---------------------	------------------	-------------------



Level C	Level D	Support E = B * C	Support F = B * D
3.1495	2.2985	1,235,795	901,881
4.7509	4.9272	160,875	166,845
4.8915	5.0615	1,924,238	1,991,113
3.8067	3.9469	3,301,212	3,422,795
0.0000	0.0000	0	0
6.7195	6.9498	1,472,847	1,523,327
4.2587	4.4107	338,746	350,836
0.5926	0.6301	96,232	102,321
3.4553	3.5827	55,382	57,424
0.0000	0.0000	0	0
0.5568	0.5897	373,387	395,449
2.0490	2.1382	5,380,961	5,615,213
3.8770	4.0182	785,310	813,911
3.0835	3.2007	969,406	1,006,252
3.0534	3.1815	3,793,382	3,952,527
1.6573	1.7354	1,588,239	1,663,084
		21,476,010	21,962,977

1.4665	1.5494	159,071	168,063
2.5412	2.6547	26,474	27,657
2.6818	2.7890	156,110	162,350
1.5970	1.6627	416,870	434,020
0.0000	0.0000	0	0
4.5098	4.6896	187,265	194,731
2.0490	2.1382	35,483	37,027
0.0000	0.0000	0	0
1.2455	1.3222	1,806	1,917
0.0000	0.0000	0	0
0.0000	0.0000	0	0
0.0000	0.0000	0	0
0.0000	0.0000	0	0
1.6673	1.7457	108,376	113,472
0.8738	0.9400	43,673	46,981
0.8437	0.9090	265,124	285,644
0.0000	0.0000	0	0
		1,400,252	1,471,863
		22,876,262	23,434,840

Trans. 151  
Exhibit 3.1-3

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.00324014	0.00260000	24,303	24,303	19,501	

0.00324014	0.00260000	8,447,563	8,447,563	6,778,616
0.00145806	0.00117000	0	0	0
0.00000000	0.00000000	0	0	0
0.00324014	0.00260000	0	0	0

0.0200	0.0200	0	0	0
50.00	50.00	7,775	7,775	7,775
65.00	65.00	260	260	260
1.30	1.30	0	0	0
50.00	50.00	0	0	0
0.03	0.03	0	0	0
0.03	0.03	0	0	0
75.00	75.00	0	0	0
0.05	0.05	0	0	0
0.0340	0.0340	0	0	0
78.00	78.00	0	0	0
0.0540	0.0540	0	0	0
0.20	0.20	5,414	5,414	5,414
221.00	221.00	82,095	82,095	82,095
221.00	221.00	0	0	0
2.10	2.10	0	0	0
5.00	5.00	0	0	0
5.00	5.00	0	0	0
15.00	15.00	0	0	0
15.00	15.00	0	0	0
19.95	19.95	0	0	0

\$8,567,410	\$8,567,410	\$6,893,661
-------------	-------------	-------------

24.6786  
34.0831  
34.0831  
25.9125  
(1,673,749)  
0.8046

24.6786  
0.8046

19.8573  
20.8502

Trans. 151  
Exhibit 3.1-4

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.00000000	0.00000000	0	0	0	
0.00000000	0.00000000	0	0	0	

\$0	\$0	\$0
-----	-----	-----

0.0000
34.0831
34.0831
0.0000
0
1.0000
0.0000
1.0000
0.0000
0.0000

Trans. 151  
Exhibit 3.1-5

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
		0	0	0	
		\$0	\$0	\$0	

0.0000
34.0831
34.0831
0.0000
0
1.0000
0.0000
1.0000
0.0000
0.0000

. E)

Trans. 151  
Exhibit 3.1-6

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.01047977	0.01047977	4,274,921	4,274,921	4,274,921	
0.02000000	0.02000000	23,659	23,659	23,659	

	\$4,298,580	\$4,298,580	\$4,298,580
--	-------------	-------------	-------------

	\$4,298,580	\$4,298,580	\$4,298,580
--	-------------	-------------	-------------

55.7622
34.0831
34.0831
58.5504
0
1.0000
55.7622
1.0000
55.7622
58.5503

Trans. 151  
Exhibit 3.1-7

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
28.00	28.00	0	0	0	
0.40	0.40	0	0	0	
0.40	0.40	0	0	0	
		\$0	\$0	\$0	

0.0000
34.0831
34.0831
0.0000
0
1.0000
0.0000
1.0000
0.0000
0.0000

Trans. 151  
Exhibit 3.1-8

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
------------------------	-------------------------	---	--	---	---------------------------

0.00257273	0.00109690	4,514,126	4,514,126	1,924,627
0.00075469	0.00005000	1,684,701	1,684,701	111,615
10.00	10.00	690	690	690
150.00	150.00	1,443,818	1,443,818	1,443,818
5,000.00	5,000.00	58,800	58,800	58,800

\$7,702,134	\$7,702,134	\$3,539,549
-------------	-------------	-------------

75.6265  
34.0831  
34.0831  
79.4078  
(4,162,585)  
0.4596

75.6265  
0.4596

34.7545  
36.4922

Trans. 151  
Exhibit 3.1-9

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
720.00	720.00	0	0	0	
		\$0	\$0	\$0	

0.0000  
34.0831  
34.0831  
0.0000  
0  
1.0000

0.0000  
1.0000

0.0000  
0.0000

\$20,568,124	\$20,568,124	\$14,731,791
--------------	--------------	--------------

34.0831

0.7162  
24.4118

Trans. 151  
Exhibit 3.1-10

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
0.00100000	0.00100000	3,555,263	3,555,263	3,555,263	
0.00005000	0.00005000	1,603,170	1,603,170	1,603,170	
0.00005000	0.00005000	37,464	37,464	37,464	
0.00005000	0.00005000	21,818	21,818	21,818	
10.00	10.00	0	0	0	
150.00	150.00	1,417,790	1,417,790	1,417,790	
5,000.00	5,000.00	0	0	0	
		\$6,635,504	\$6,635,504	\$6,635,504	

60.1419  
27.0731  
27.0731  
61.3448  
0  
1.0000  
  
60.1419  
1.0000  
  
60.1419  
61.3448

Trans. 151  
Exhibit 3.1-11

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
55.93	55.93	1,342	1,342	1,342	
91.00	91.00	6,770	6,770	6,770	
100.00	100.00	5,100	5,100	5,100	
38.00	38.00	16,458	16,458	16,458	
0.00	0.00	0	0	0	
0.61	0.61	4,053	4,053	4,053	
488.24	488.24	0	0	0	
130.23	130.23	0	0	0	

		\$33,724	\$33,724	\$33,724
--	--	----------	----------	----------

90.6375  
 27.0731  
 27.0731  
 95.1694  
 0  
 1.0000  
  
 90.6375  
 1.0000

90.6375  
 95.1694

Trans. 151  
 Exhibit 3.1-12

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
150.00	150.00	453,074	453,074	453,074	
900.00	900.00	532,197	532,197	532,197	
150.00	150.00	2,825,267	2,825,267	2,825,267	
0.00	0.00	0	0	0	
7.33	7.33	2,564,940	2,564,940	2,564,940	
263.00	263.00	1,071,917	1,071,917	1,071,917	
417.00	417.00	42,117	42,117	42,117	
600.00	600.00	0	0	0	
50.81	50.81	0	0	0	
130.23	130.23	44,339	44,339	44,339	
		\$7,533,851	\$7,533,851	\$7,533,851	

61.6237  
 27.0731  
 27.0731  
 64.7049  
 0  
 1.0000  
  
 61.6237  
 1.0000

61.6237  
 64.7049

Trans. 151  
Exhibit 3.1-13

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
1,500.00	1,500.00	83,910	83,910	83,910	
900.00	900.00	19,890	19,890	19,890	
120.00	120.00	55,452	55,452	55,452	
1,400.00	1,400.00	217,602	217,602	217,602	
1,297.00	1,297.00	11,673	11,673	11,673	
3,410.00	3,410.00	0	0	0	
415.00	415.00	0	0	0	
		\$388,527	\$388,527	\$388,527	

4.2688  
27.0731  
27.0731  
4.48225  
0  
1.0000

4.2688  
1.0000

4.2688  
4.4822

Trans. 151  
Exhibit 3.1-14

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
2.17	2.17	2,825	2,825	2,825	
32.67	32.67	784	784	784	
107.80	107.80	6,468	6,468	6,468	
347.02	347.02	0	0	0	
		\$10,077	\$10,077	\$10,077	
		\$7,932,454	\$7,932,454	\$7,932,454	



61.8187  
27.0731  
27.0731  
64.9097  
0  
1.0000

61.8187  
1.0000

61.8187  
64.9097

\$14,601,682    \$14,601,682    \$14,601,682

27.0731  
1.0000  
27.0731

Trans. 151  
Exhibit 3.1-15

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
55.93	55.93	178,361	178,361	178,361	
91.00	91.00	764,529	764,529	764,529	
55.93	55.93	0	0	0	
39.00	39.00	407,394	407,394	407,394	
42.00	42.00	0	0	0	
0.61	0.61	123,056	123,056	123,056	
0.75	0.75	10	10	10	
488.24	488.24	1,953	1,953	1,953	
488.24	488.24	0	0	0	
130.23	130.23	6,642	6,642	6,642	
1.00	1.00	144	144	144	
1.00	1.00	320	320	320	
1.00	1.00	192	192	192	
1.00	1.00	228	228	228	
7.74	7.74	0	0	0	
1.00	1.00	491	491	491	
1.00	1.00	72	72	72	
1.00	1.00	29	29	29	
1.00	1.00	347	347	347	
1.00	1.00	0	0	0	

1.00	1.00	149	149	149
488.24	488.24	0	0	0
130.23	130.23	0	0	0

\$1,483,916	\$1,483,916	\$1,483,916
-------------	-------------	-------------

89.7199  
61.2620  
61.2620  
91.3516  
0  
0  
1.0000

30 / Exhibit 3.1-19 Line 74 Col. E)

89.7199  
1.0000

89.7199  
94.2059

Trans. 151  
Exhibit 3.1-16

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
37.52	37.52	4,577	4,577	4,577	
37.95	37.95	0	0	0	
37.95	37.95	0	0	0	
37.95	37.95	2,429	2,429	2,429	
5.20	5.20	0	0	0	
5.20	5.20	62	62	62	
5.20	5.20	62	62	62	
5.20	5.20	0	0	0	
37.95	37.95	911	911	911	
37.95	37.95	455	455	455	
37.95	37.95	0	0	0	
37.95	37.95	759	759	759	
4.57	4.57	0	0	0	
4.57	4.57	0	0	0	
4.57	4.57	55	55	55	
4.57	4.57	0	0	0	
0.80	0.80	0	0	0	
1.55	1.55	124	124	124	
2.40	2.40	0	0	0	
3.10	3.10	558	558	558	
0.08	0.08	0	0	0	
0.16	0.16	0	0	0	

0.24	0.24	15	15	15
0.32	0.32	0	0	0
741.01	741.01	0	0	0
741.01	741.01	0	0	0
741.01	741.01	0	0	0
741.01	741.01	0	0	0
130.23	130.23	0	0	0
12.00	12.00	0	0	0
1.20	1.20	0	0	0

\$10,008	\$10,008	\$10,008
----------	----------	----------

82.8375  
61.2620  
61.2620  
82.8437  
0  
0  
1.0000

38 / Exhibit 3.1-19 Line 74 Col. E)

82.8375  
1.0000

82.8375  
86.9794

Trans. 151  
Exhibit 3.1-17

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
180.00	180.00	11,956,680	11,956,680	11,956,680	
180.00	180.00	0	0	0	
170.00	170.00	0	0	0	
160.00	160.00	0	0	0	
140.00	140.00	28,140	28,140	28,140	
193.37	193.37	10,683,499	10,683,499	10,683,499	
10.00	10.00	10,112,212	10,112,212	10,112,212	
600.00	600.00	238,800	238,800	238,800	
130.59	130.59	176,035	176,035	176,035	
450.00	450.00	0	0	0	
263.00	263.00	457,094	457,094	457,094	
417.00	417.00	1,668	1,668	1,668	
263.00	263.00	2,630	2,630	2,630	

417.00	417.00	0	0	0
143.05	143.05	0	0	0
0.00	0.00	0	0	0
538.19	538.19	0	0	0

\$33,656,758	\$33,656,758	\$33,656,758
--------------	--------------	--------------

78.1540  
61.2620  
61.2620  
83.9416  
0  
0

Col. E) + (Line 24 / Exhibit 3.1-19 Line 74 Col. E)

1.0000

78.1540  
1.0000

78.1540  
82.0617

Trans. 151  
Exhibit 3.1-18

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
1,500.00	1,500.00	2,634,000	2,634,000	2,634,000	
900.00	900.00	1,715,400	1,715,400	1,715,400	
120.00	120.00	2,716,952	2,716,952	2,716,952	
3,410.00	3,410.00	197,780	197,780	197,780	
415.00	415.00	31,540	31,540	31,540	
1,400.00	1,400.00	628,600	628,600	628,600	
1,297.00	1,297.00	5,188	5,188	5,188	
		\$7,929,460	\$7,929,460	\$7,929,460	

90.4284  
61.2620  
61.2620  
91.5972  
0  
0

Col. E) + (Line 14 / Exhibit 3.1-19 Line 74 Col. E)

1.0000

90.4284

1.0000

90.4284

94.9498

Trans. 151  
Exhibit 3.1-19

current prices C	proposed prices D	revenue at last PCI update E = A * B	revenue at current prices F = A * C	revenue at proposed prices G = A * D	Index Calculation H
100.65	100.65	16,003	16,003	16,003	
100.65	100.65	4,831	4,831	4,831	
100.65	100.65	267,628	267,628	267,628	
100.65	100.65	11,776	11,776	11,776	
100.65	100.65	2,860,876	2,860,876	2,860,876	
100.65	100.65	69,549	69,549	69,549	
3,200.00	3,200.00	211,200	211,200	211,200	
3,000.00	3,000.00	0	0	0	
47.00	47.00	5,781	5,781	5,781	
47.00	47.00	3,119	3,119	3,119	
47.00	47.00	124,503	124,503	124,503	
47.00	47.00	4,418	4,418	4,418	
70.00	70.00	1,759,520	1,759,520	1,759,520	
70.00	70.00	55,020	55,020	55,020	
2,000.00	2,000.00	158,000	158,000	158,000	
2,000.00	2,000.00	0	0	0	
0.35	0.35	544	544	544	
0.35	0.35	110	110	110	
0.35	0.35	11,989	11,989	11,989	
0.35	0.35	648	648	648	
0.65	0.65	609,358	609,358	609,358	
0.65	0.65	14,612	14,612	14,612	
280.00	280.00	40,908	40,908	40,908	
280.00	280.00	0	0	0	
519.09	519.09	0	0	0	
519.09	519.09	0	0	0	
519.09	519.09	519	519	519	
519.09	519.09	0	0	0	
519.09	519.09	14,015	14,015	14,015	
519.09	519.09	2,076	2,076	2,076	
130.23	130.23	36,725	36,725	36,725	
3,600.00	3,600.00	14,400	14,400	14,400	
3,600.00	3,600.00	0	0	0	
415.00	415.00	1,245	1,245	1,245	
415.00	415.00	0	0	0	
12.53	12.53	0	0	0	
1,500.00	1,500.00	0	0	0	

1,800.00	1,800.00	0	0	0
1,297.00	1,297.00	0	0	0
1,297.00	1,297.00	0	0	0
99.00	99.00	0	0	0
12.38	12.38	1,473	1,473	1,473
31.76	31.76	318	318	318
402.75	402.75	77,320	77,320	77,320
4.90	4.90	265	265	265
30.19	30.19	0	0	0
45.29	45.29	0	0	0
60.38	60.38	0	0	0
23.51	23.51	9,804	9,804	9,804
35.27	35.27	0	0	0
47.02	47.02	0	0	0
23.51	23.51	0	0	0
35.27	35.27	0	0	0
47.02	47.02	0	0	0
23.51	23.51	0	0	0
35.27	35.27	0	0	0
47.02	47.02	0	0	0
23.51	23.51	0	0	0
35.27	35.27	0	0	0
47.02	47.02	0	0	0

	\$6,388,553	\$6,388,553	\$6,388,553
--	-------------	-------------	-------------

	\$47,974,772	\$47,974,772	\$47,974,772
--	--------------	--------------	--------------

68 / Line 74 Col. E)

82.3423  
61.2620  
61.2620  
86.5670  
0  
0  
1.0000

82.3423  
1.0000

82.3423
86.4594

	\$49,468,697	\$49,468,697	\$49,468,697
--	--------------	--------------	--------------

61.2619  
1.0000  
61.2619