

**Citizens Telecommunications Companies - Group #4**

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.	2,699,289	6.50
2 EUCL - Lifeline	59,105	6.50
3 EUCL - Secondary Residence	178,978	7.00
4 EUCL - BRI ISDN	1,853	7.00
5 EUCL - MLB & Centrex incl. Coin, excl. BRI ISDN	719,482	9.20
6 EUCL - PRI ISDN	117	46.00
7 EUCL - Special Access Surcharge	2,686	25.00
8 Port - BRI ISDN	1,853	2.00
9 Port - PRI ISDN	117	9.56
10 Subtotal EUCL Lines or Revenue	3,659,292	
11 PICC - MLB incl. Coin	564,441	4.31
12 PICC - Centrex (groups of 9+ lines)	44,915	0.48
13 PICC - Centrex (groups of 8 lines)	2,904	0.54
14 PICC - Centrex (groups of 7 lines)	4,242	0.62
15 PICC - Centrex (groups of 6 lines)	4,764	0.72
16 PICC - Centrex (groups of 5 lines)	6,442	0.86
17 PICC - Centrex (groups of 4 lines)	7,131	1.08
18 PICC - Centrex (groups of 3 lines)	7,515	1.44
19 PICC - Centrex (groups of 2 lines)	6,379	2.16
20 PICC - PRI ISDN	0	21.55
21 Subtotal PICC Lines or Revenue	648,733	
22 CCL Premium Terminating MOU	523,206,966	0.00000000
24 CCL Non Premium Terminating MOU	0	0.00000000
23 CCL Premium Originating MOU	224,231,557	0.00000000
25 CCL Non Premium Originating MOU	0	0.00000000
26 Total CCL MOU or Revenues	747,438,523	
27 Total CMT Basket Revenues excluding USAC Receipts		
28 USAC Receipts	3,659,292	
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	3,659,292	

**Citizens Telecommunications Companies - Group #4**

CMT Basket

USAC Support Detail

base period  
demand

Type of Support/Study Area		COSA A	2003 B
Residence & Single Line Business			
1	CTC of Nebraska - Fort Kearney	CTFK	474,052
2	CTC of Illinois	CTIL	1,079,287
3	CTC of Minnesota - Lakes	CTLK	1,344,923
4	CTC of Minnesota - South	CTSO	40,963
5	Total Residence & Single Line Business		2,939,225
Multiline Business			
6	CTC of Nebraska - Fort Kearney	CTFK	174,230
7	CTC of Illinois	CTIL	256,916
8	CTC of Minnesota - Lakes	CTLK	281,162
9	CTC of Minnesota - South	CTSO	7,759
10	Total Multiline Business		720,067
11	Total for Tariff Unit		3,659,292

#### Citizens Telecommunications Companies - Group #4

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	2,517,126	0.00641000
2	LS2 Premium Local Switching per Minute	744,921,397	0.00641000
3	Non Premium Local Switching per Minute	0	0.00288500
4	FGA Usage Sensitive Credit Allw.	0	0.00000000
5	Switched 56Kpbs	0	0.00641000
6	Network Blocking - per Blocked Call (FGB, FGC, FGD &	0	10.00
7	Carrier Identification Parameter, per trunk group	113.82	50.00
8	Carrier Identification Parmeter NRC	11	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	0	0.20
19	NXX Translation NRC, per order	0	221.00
20	500 NXX Translation per end office	0	221.00
21	500 NXX Translation Addl NXX	0	0.00
22	Coin Supervision	0	2.10
23	900 Blocking--Residence--Add Blocking	0	5.00
24	900 Blocking--Residence--Remove Blocking	0	5.00

25	900 Blocking--Business--Add Blocking	0	15.00
26	900 Blocking--Business--Remove Blocking	0	15.00
27	International Blocking	0	19.95

28 **SUB-TOTAL, Local Switching**

**SBI Calculation:**

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

**Source / Comments:**

Trans. 140
Exhibit 2.4-2, Line 11
Trans. 140
Trans. 140
Exhibit 1.4-3, Line 1
1 + (Line 33 / Line 28 Col. E)

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

Trans. 140
Col. G Line 28 / Col. F Line 28

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

Line 35 * Line 36
Line 29 * (Line 30 / Line 31) * 1.05

**Citizens Telecommunications Companies - Group #4**

Traffic Sensitive Basket  
Rate Element Detail

	base period volumes 2003 A	prices in effect at last PCI update B
<b>Information Services Category:</b>		
1 Information Surcharge--Premium	7,361,159	0.00039500
2 Inward Operator Assistance	0	0.65000000
3 Operator Assistance	0	0.21177560

4 **SUB-TOTAL, Information**

**SBI Calculation:**

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

**Source / Comments:**

Trans. 140
Exhibit 2.4-2, Line 11
Trans. 140
Trans. 140
Exhibit 1.4-3, Line 2
1 + (Line 9 / Line 4 Col. E)

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

Trans. 140
Col. G Line 4 / Col. F Line 4

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

Line 11 * Line 12
Line 5 * (Line 6 / Line 7) * 1.05

**Citizens Telecommunications Companies - Group #4**

Traffic Sensitive Basket  
Rate Element Detail

base period volumes	prices in effect at last
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Rate Elements	2003 A	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 2.4-2, 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 1.4-2, Line 4	
8 Exogenous Cost Change factor for SBI	1 + (Line 7 / Exhibit 3.4-6 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 #4

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	74,228,769	0.00896603
2 LNP Access Query Charge	0	0.02000000
3 SUB-TOTAL, 800 Database Basic		
4 SUB-TOTAL, Database Access		

<b>SBI Calculation:</b>	<b>Source / Commen</b>	
5 SBI(py) = SBI on last day of previous tariff year	Trans. 140	
6 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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 1.4-2, 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 #4

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 Data Gathering, Processing Fee	0	0.18

5 SUB-TOTAL, BNA

**SBI Calculation:**

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

**Source / Comments:**

- Trans. 140  
Exhibit 2.4-2, Line 11  
Trans. 140  
Trans. 140  
Exhibit 1.4-2, Line 8  
1 + (Line 10 / Line 5 Col. E)  
Trans. 140  
Col. G Line 5 / Col. F Line 5  
Line 12 \* Line 13  
Line 6 \* (Line 7 / Line 8) \* 1.05

**Citizens Telecommunications Companies - Group #4**

Traffic Sensitive Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices in effect at last PCI update B
<b>Trunk Ports</b>		
1 Shared DS1 Port Charge - per MOU	465,725,564	0.00098718
2 Multiplexers - (Trunk Side of End Office) - per MOU	554,108,528	0.00004000
2 Dedicated VG (DSO) Port Charge	810.57	28.37
3 Dedicated DS1 Port Charge	2,112.73	302.84
4 Dedicated Port Charge Analog	0.00	28.91

5 SUB-TOTAL, Trunk Ports

**SBI Calculation:**

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

**Source / Comments:**

- Trans. 140  
Exhibit 2.4-2, Line 11  
Trans. 140  
Trans. 140  
Exhibit 1.4-3, Line 3  
1 + (Line 10 / Line 5 Col. E)  
Trans. 140  
Col. G Line 5 / Col. F Line 5  
Line 12 \* Line 13

**Citizens Telecommunications Companies - Group #4**

## Traffic Sensitive Basket

## Rate Element Detail

Rate Elements		base period volumes 2003 A	prices in effect at last PCI update B
<b>STP Ports</b>			
1	Signalling Transfer Point Port Termination	0	544.04
2	SUB-TOTAL, STP Ports		
<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 2.4-2, Line 11	
5	PCI(py) = PCI on last day of previous tariff year	Trans. 140	
6	SBI Upper(t-1)	Trans. 140	
7	ATS Targeting to STP Ports	Exhibit 1.4-3, Line 4	
8	Exogenous Cost Change factor for SBI	1 + (Line 7 / Line 2 Col. E)	
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	
13	GRAND TOTAL, Traffic Sensitive Basket		

<b>Traffic Sensitive Basket API Calculation:</b>		<b>Source / Comments:</b>	
14	API(t-1) = Immediately Preceeding API	Trans. 140	
15	[SUM (v)*(P(t)/P(t-1))] = API wtd. price ratio	Col. G Line 13 / Col. F Line 13	
16	API(t) = API(t-1) * [SUM(v) * (P(t)/P(t-1))]	Line 14 * Line 15	

**Citizens Telecommunications Companies - Group #4**

## 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	737,526,088	0.00055622
2	Facility - per Mile, per minute	13,939,848,750	0.00005000
3	Tandem Switching per minute	0	0.00000000
4	Shared Mux DS3 to DS1, per MOU	0	0.00004000
5	Voice Grade Tandem Trunk Port	0.00	28.91
6	DS1 Tandem Trunk Port	0.00	302.84
7	DS3 Tandem Trunk Port	0.00	8,479.52

8 SUB-TOTAL, Tandem Switched Transport

**Tandem Switched Transport 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 Tandem Transport
- 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 2.4-2, Line 11  
Trans. 140  
Trans. 140  
Exhibit 1.4-3, Line 6  
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) \* 1.02

**Citizens Telecommunications Companies - Group #4**

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	12.00	53.20
2 VG Entrance facility -- 4 Wire	4.94	53.20
3 VG Direct Trunked Termination	1,351.13	17.00
4 VG Direct Trunked Facility	7,842.63	3.00
5 VG Entrance Facility -- NRC	0	488.24
6 VG Dir. Trk. Transport Activated, per service order	0	130.23
7 SUB-TOTAL, Voice Grade		

**Voice Grade SBI Calculation:**

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

**Source / Comments:**

- Trans. 140  
Exhibit 2.4-2, Line 11  
Trans. 140  
Trans. 140  
Exhibit 1.4-3, Line 7  
1 + (Line 12 / Line 7 Col. E)  
  
Trans. 140  
Col. G Line 7 / Col. F Line 7  
  
Line 14 \* Line 15  
Line 8 \* (Line 9 / Line 10) \* 1.05

**Citizens Telecommunications Companies - Group #4**

Trunking Basket

Rate Element Detail

base period volumes	prices at last PCI
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Rate Elements		2003 A	update B
<b>High Capacity &amp; Other Service Category:</b>			
<b>DS 1 Non-Density Zone:</b>			
1	DS1 Entrance facility	77.62	306.73
2	DS1 Direct Trunked Termination	2,073.15	38.60
3	DS1 Direct Trunked Facility	20,990.18	16.81
4	Mux DS1 to voice	184.59	263.00
5	Mux DS1 to voice -- NRC	13	417.00
6	DS1 Entrance Facility -- NRC	0	450.00
7	DS1 Dir. Trk. Transport Activated, per service order	0	130.23
6	SUB-TOTAL, DS1 Service		

<b>DS1 Subindex Calculation:</b>		<b>Source / Comments:</b>
7	SBI(py) = SBI on last day of previous tariff year	Trans. 140
8	Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
9	PCI(py) = PCI on last day of previous tariff year	Trans. 140
10	SBI Upper(t-1)	Trans. 140
11	ATS Targeting to DS1	Exhibit 1.4-3, Line 8
12	Exogenous Cost Change factor for SBI	1 + (Line 11 / Line 6 Col. E)
13	SBI(t-1) = Immed. preceeding SBI	Trans. 140
14	Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 6 / Col. F Line 6
15	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 13 * Line 14
16	SBI Upper Limit	Line 7 * (Line 8 / Line 9) * 1.05

#### Citizens Telecommunications Companies - Group #4

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	2.33	1,600.00
2	DS3 Direct Trunked Termination	4.50	500.00
3	DS3 Direct Trunked Facility	491.89	50.00
4	Mux DS3 to DS1, per month	103.11	500.00
5	Mux DS3 to DS1 -- NRC	1.00	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		

<b>DS3 Subindex Calculation:</b>		<b>Source / Comments:</b>
9	SBI(py) = SBI on last day of previous tariff year	Trans. 140
10	Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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 1.4-3, 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 #4

##### 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	0	2.17
2 CCS/SS7 Signaling Mileage Termination per term	0	32.67
3 CCS/SS7 Singaling Etnrance Faciltiy	0	107.80
4 CCS/SS7 Singaling Etnrance 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	Trans. 140
8 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
9 PCI(py) = PCI on last day of previous tariff year	Trans. 140
10 SBI Upper(t-1)	Trans. 140
11 ATS Targeting to High Capacity	Exhibit 1.4-3, Sum of Lines 8..10
12 Exogenous Cost Change factor for SBI	1 + (Line 11 / Line 6 Col. E)
13 SBI(t-1) = Immed. preceeding SBI	Trans. 140
14 $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$	Col. G Line 6 / Col. F Line 6
15 $\text{SBI}(t) = \text{SBI}(t-1) * \text{Sum}[V * P(t) / P(t-1)]$	Line 13 * Line 14
16 SBI Upper Limit	Line 7 * (Line 8 / Line 9) * 1.05

##### Source / Comments:

17 GRAND TOTAL, Trunking Basket

##### Trunking Basket API Calculation:

18 API(t-1) = Immediately Preceeding API	Trans. 140
19 $[\text{SUM}(v) * (P(t) / P(t-1))] = \text{API wtd. price ratio}$	Col. G Line 17 / Col. F Line 17
20 $\text{API}(t) = \text{API}(t-1) * [\text{SUM}(v) * (P(t) / P(t-1))]$	Line 18 * Line 19

##### Source / Comments:

#### Citizens Telecommunications Companies - Group #4

##### Special Access Basket

##### Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
<b>VG/WATS/Metal/Teleg Service Category:</b>		
1 VG Channel Termination, 2 Wire	2,081	32.41
2 VG Channel Termination, 4 Wire	5,828	50.50
3 Metallic Channel Termination	0	32.41
4 VG Channel Mileage Termination, per term.	6,790	28.77
5 Metallic Channel Mileage Termination, per term.	0	28.77
6 VG Channel Mileage Facility, per mile	80,685	2.45
7 Metallic Channel Mileage Facility, per mile	0	2.45
8 VG Channel Term 4W NRC, per termination	5	200.00
9 VG Channel Term 2W NRC, per termination	3	488.24
10 VG 2W/4W Channel Term NRC, per order	5	130.23
11 VG data bridging 2W/4W	12	5.59
12 VG Voice bridging, 2W/4W	305	5.59
13 VG C-type conditioning	216	1.00
14 VG Improved Attenuation Distortion	32	1.00
15 VG Improved Envelope Delay Distortion	93	1.00
16 VG data capability	268	1.00
17 VG Improved Return Loss for Effective 2w/4w	36	1.00
18 VG Customer Specified Receive Level	0	6.74
19 VG Signaling Capability	72	1.00
20 VG Selective Signaling Arrangement	0	35.42
21 VG Improved Term Option	24	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		

<b>VG/WATS/Metallic/Teleg. SBI Calculation:</b>	<b>Source / Comments:</b>
25 SBI(py) = SBI on last day of previous tariff year	Trans. 140
26 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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	Exhibit 1.4-2, Line 12
30 Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, Line 17
31 Exogenous Cost Change factor for SBI	1 + (Line 29 / Line 24 Col. E) + (Line 30 / Line 24 Col. F)
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 #4

Special Access Basket

Rate Element Detail

base period prices at

Rate Elements	volumes 2003 A	last PCI update B
<b>Audio/Video Service Category:</b>		
1 PA Channel Termination mo 200-3500 HZ	0	25.68
2 PA Channel Termination mo 100-5000 HZ	0	47.00
3 PA Channel Termination mo 50-8000 HZ	6	38.51
4 PA Channel Termination mo 50-15000 HZ	48	38.51
5 PA Channel Termination dly 200-3500 HZ	0	2.77
6 PA Channel Termination dly 100-5000 HZ	0	4.70
7 PA Channel Termination dly 50-8000 HZ	0	3.85
8 PA Channel Termination dly 50-15000 HZ	0	3.85
9 PA Channel Mlg. Termination mo 200-3500 HZ	0	45.00
10 PA Channel Mlg. Termination mo 100-5000 HZ	0	45.00
11 PA Channel Mlg. Termination mo 50-8000 HZ	6	45.00
12 PA Channel Mlg. Termination mo 50-15000 HZ	48	45.00
13 PA Channel Mlg. Termination dly 200-3500 HZ	0	4.50
14 PA Channel Mlg. Termination dly 100-5000 HZ	0	4.50
15 PA Channel Mlg. Termination dly 50-8000 HZ	0	4.50
16 PA Channel Mlg. Termination dly 50-15000 HZ	0	4.50
17 PA Channel Mlg. Facility mo 200-3500 HZ	0	0.80
18 PA Channel Mlg. Facility mo 100-5000 HZ	0	1.55
19 PA Channel Mlg. Facility mo 50-8000 HZ	33	6.70
20 PA Channel Mlg. Facility mo 50-15000 HZ	109	6.70
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	0	0.67
24 PA Channel Mlg. Facility dly 50-15000 HZ	0	0.67
25 PA Channel Termination 200-3500 HZ NRC	0	200.00
26 PA Channel Termination 100-5000 HZ NRC	0	200.00
27 PA Channel Termination 50-8000 HZ NRC	0	200.00
28 PA Channel Termination 50-15000 HZ NRC	0	200.00
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
40 SBI(t-1) = Immed. preceeding SBI
41 $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$
42 $\text{SBI}(t) = \text{SBI}(t-1) * \text{Sum}[V * P(t) / P(t-1)]$

**Source / Comments:**

Trans. 140
Exhibit 2.4-2, Line 11
Trans. 140
Trans. 140
Exhibit 1.4-2, Line 13
Exhibit 1.4-2, Line 17
1 + (Line 37 / Line 32 Col. E) + (Line 38 / Line 32 Col. E)
Trans. 140
Col. G Line 32 / Col. F Line 32
Line 40 * Line 41

**Citizens Telecommunications Companies - Group #4**

Special Access Basket

Rate Element Detail

Rate Elements	base period volumes 2003 A	prices at last PCI update B
<b>High Capacity/DDS Service Category:</b>		
<b>DS 1 Non-Density Zone:</b>		
1 DS1 Channel Termination	23,507	234.12
2 DS1 Channel Mileage Termination	22,773	39.41
3 DS1 Channel Mileage Facility	141,853	15.00
4 DS1 Channel Termination NRC per termination	385	450.00
5 DS1 Channel Termination NRC per order	47	130.59
6 Mux DS1 to voice	163	187.21
7 Mux DS1 to voice NRC	0	800.00
8 Mux DS1 to DS0	0	357.80
9 Mux DS1 to DS0 NRC	0	1,410.00
10 Clear Channel Capability	19,694	0.00
11 Clear Channel Capability NRC	351	538.19
12 SUB-TOTAL, DS1 Service		

**DS1 Subindex Calculation:****Source / Comments:**

13 SBI(py) = SBI on last day of previous tariff year	Trans. 140
14 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
15 PCI(py) = PCI on last day of previous tariff year	Trans. 140
16 SBI Upper(t-1)	Trans. 140
17 Exogenous Change Targeted to Hi Cap	Exhibit 1.4-2, Line 14
18 Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, Line 17
19 Exogenous Cost Change factor for SBI	1 + (Line 17 / Exhibit 3.4-19Line 54 C
20 SBI(t-1) = Immed. preceeding SBI	Trans. 140
21 $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$	Col. G Line 12 / Col. F Line 12
22 $\text{SBI}(t) = \text{SBI}(t-1) * \text{Sum}[V * P(t) / P(t-1)]$	Line 20 * Line 21
23 SBI Upper Limit	Line 13 * (Line 14 / Line 15) * 1.05

**Citizens Telecommunications Companies - Group #4**

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	344	1,400.00
2	DS3 Channel Mileage Termination	424	500.00
3	DS3 Channel Mileage Facility	3,587	50.00
4	DS3 Channel Termination NRC per termination	10	3,410.00
5	DS3 Channel Termination NRC per order	8	415.00
6	Mux DS3 to DS1	0	500.00
7	Mux DS3 to DS1 NRC	0	1,297.00
8	SUB-Total, DS3 Service		

**DS3 Subindex Calculation:**

9	SBI(py) = SBI on last day of previous tariff year	Trans. 140
10	Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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 1.4-2, Line 14
14	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, Line 17
15	Exogenous Cost Change factor for SBI	1 + (Line 13 / Exhibit 3.4-19Line 54 C
16	SBI(t-1) = Immed. preceeding SBI	Trans. 140
17	Sum[ V * P(t) / P(t-1) ] = SBI wtd. price ratio	Col. G Line 8 / Col. F Line 8
18	SBI(t) = SBI(t-1)*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 #4**

Special Access Basket

Rate Element Detail

Rate Elements	base period volumes 2003	prices at last PCI update
	A	B
<b>DDS &amp; Other</b>		
1 DDS Channel Termination 2.4 Kbps	84	68.01
2 DDS Channel Termination 4.8 Kbps	38	68.01
3 DDS Channel Termination 9.6 Kbps	423	68.01
4 DDS Channel Termination 19.2 Kbps	12	67.00
5 DDS Channel Termination 56 Kbps	12,370	99.18
6 DDS Channel Termination 64 Kbps	516	99.18
7 OC-3 Channel Termination	0	3,200.00
8 OC-3c Channel Termination	0	3,000.00
9 DDS Channel Mileage Termination 2.4 Kbps	53	30.93
10 DDS Channel Mileage Termination 4.8 Kbps	12	30.93
11 DDS Channel Mileage Termination 9.6 Kbps	337	30.93
12 DDS Channel Mileage Termination 19.2 Kbps	12	30.93
13 DDS Channel Mileage Termination 56 Kbps	11,867	30.94
14 DDS Channel Mileage Termination 64 Kbps	539	30.94
15 OC-3 Channel Mileage Termination	0	2,000.00
16 OC-3c Channel Mileage Termination	0	2,000.00

17	DDS Channel Mileage Facility 2.4 Kbps	1,161	4.80
18	DDS Channel Mileage Facility 4.8 Kbps	118	4.80
19	DDS Channel Mileage Facility 9.6 Kbps	2,586	4.80
20	DDS Channel Mileage Facility 19.2 Kbps	82	3.81
21	DDS Channel Mileage Facility 56 Kbps	145,160	3.82
22	DDS Channel Mileage Facility 64 Kbps	7,072	3.82
23	OC-3 Channel Mileage Facility	0	280.00
24	OC-3c Channel Mileage Facility	0	280.00
25	DDS Channel Termination 2.4 Kbps NRC	0	250.00
26	DDS Channel Termination 4.8 Kbps NRC	0	250.00
27	DDS Channel Termination 9.6 Kbps NRC	0	250.00
28	DDS Channel Termination 19.2 Kbps NRC	0	250.00
29	DDS Channel Termination 56 Kbps NRC	46	250.00
30	DDS Channel Termination 64 Kbps NRC	1	250.00
31	DDS Channel Termination NRC per order	16	130.23
32	OC-3 Channel Termination NRC	0	3,600.00
33	OC-3c Channel Termination NRC	0	3,600.00
34	OC-3 Channel Termination NRC per order	0	415.00
35	OC-3c Channel Termination NRC per order	0	415.00
36	DDS Central Office Bridging, per Port	2	11.00
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
37	Service Date Change - NRC	0	60.99
38	Design Change Charge - NRC	0	27.00
39	Cancellation Charge - NRC	0	402.75
40	Restoration Priority	441	4.90
41	Add'l Engineering, per 1/2 hour, Basic	0	30.19
42	Add'l Engineering, per 1/2 hour, Overtime	0	45.29
43	Add'l Engineering, per 1/2 hour, Premium	0	60.38
44	Add'l Labor, per 1/2 hour per technician, Basic	0	23.51
45	Add'l Labor, per 1/2 hour per technician, Overtime	0	35.27
46	Add'l Labor, per 1/2 hour per technician, Premium	0	47.02
47	Standby, per 1/2 hour per technician, Basic	0	23.51
48	Standby, per 1/2 hour per technician, Overtime	0	35.27
49	Standby, per 1/2 hour per technician, Premium	0	47.02
50	Programming, per 1/2 hour per programmer, Basic	0	23.51
51	Programming, per 1/2 hour per programmer, Overtime	0	35.27
52	Programming, per 1/2 hour per programmer, Premium	0	47.02

53 SUB-TOTAL, Other High Cap & DDS

54 SUB-TOTAL, High Capacity/DDS

**High Cap/DDS SBI Calculation:**

**Source / Comments:**

55	SBI(py) = SBI on last day of previous tariff year	Trans. 140
56	Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
57	PCI(py) = PCI on last day of previous tariff year	Trans. 140
58	SBI Upper(t-1)	Trans. 140
59	Exogenous Change Targeted to Hi Cap	Exhibit 1.4-2, Line 14
60	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, Line 17

61 Exogenous Cost Change factor for SBI	1 + (Line 59 / Line 54 Col. E) + (Line
62 SBI(t-1) = Immed. preceeding SBI	Trans. 140
63 $\text{Sum}[V * P(t) / P(t-1)] = \text{SBI wtd. price ratio}$	Col. G Line 54 / Col. F Line 54
64 $\text{SBI}(t) = \text{SBI}(t-1) * \text{Sum}[V * P(t) / P(t-1)]$	Line 62 * Line 63
65 SBI Upper Limit	Line 55 * (Line 56 / Line 57) * 1.05

66 **GRAND TOTAL, Special Access Basket**

**Special Access Basket API Calculation:**

67 API(t-1) = Immediately Preceeding API
68 $[\text{SUM}(v) * (P(t) / P(t-1))] = \text{API wtd. price ratio}$
69 $\text{API}(t) = \text{API}(t-1) * [\text{SUM}(v) * (P(t) / P(t-1))]$

**Source / Comments:**

Trans. 140
Col. G Line 66 / Col. F Line 66
Line 67 * Line 68

Trans. 151  
Exhibit 3.4-1

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	\$17,545,379	\$17,545,379	\$17,545,379
6.50	6.50	6.50	\$384,183	\$384,183	\$384,183
7.00	7.00	7.00	\$1,252,846	\$1,252,846	\$1,252,846
7.00	7.00	7.00	\$12,971	\$12,971	\$12,971
9.20	9.20	9.20	\$6,619,234	\$6,619,234	\$6,619,234
46.00	46.00	46.00	\$5,382	\$5,382	\$5,382
25.00	25.00	25.00	\$67,150	\$67,150	\$67,150
2.00	2.00	2.00	\$3,706	\$3,706	\$3,706
9.56	9.56	9.56	\$1,119	\$1,119	\$1,119
			\$25,891,969	\$25,891,969	\$25,891,969
4.31	4.31	4.31	\$2,432,741	\$2,432,741	\$2,432,741
0.48	0.48	0.48	\$21,509	\$21,509	\$21,509
0.54	0.54	0.54	\$1,565	\$1,565	\$1,565
0.62	0.62	0.62	\$2,612	\$2,612	\$2,612
0.72	0.72	0.72	\$3,422	\$3,422	\$3,422
0.86	0.86	0.86	\$5,553	\$5,553	\$5,553
1.08	1.08	1.08	\$7,684	\$7,684	\$7,684
1.44	1.44	1.44	\$10,797	\$10,797	\$10,797
2.16	2.16	2.16	\$13,747	\$13,747	\$13,747
21.55	21.55	21.55	\$0	\$0	\$0
			\$2,499,628	\$2,499,628	\$2,499,628
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
			\$28,391,597	\$28,391,597	\$28,391,597
			\$3,090,116	\$3,090,116	\$3,167,064
			\$31,409,739	\$31,409,739	\$31,486,687
			\$71,975	\$71,975	\$71,975
			\$31,481,714	\$31,481,714	\$31,558,662
			\$0	\$0	\$1,954,725
			8.583556	8.583556	8.070403

Trans. 151  
Exhibit 3.4-2

Current Support	Proposed Support	Current Total	Proposed Total
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Level C	Level D	Support E = B * C	Support F = B * D
1.1852	1.2292	561,846	582,705
1.1350	1.1776	1,224,991	1,270,968
0.6594	0.6570	886,842	883,614
8.8991	9.1829	364,534	376,159
		3,038,213	3,113,447
0.0000	0.0000	0	0
0.0000	0.0000	0	0
0.0000	0.0000	0	0
6.6894	6.9104	51,903	53,618
		51,903	53,618
		3,090,116	3,167,064

Trans. 151  
Exhibit 3.4-3

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
0.00641000	0.00641000	16,135	16,135	16,135	
0.00641000	0.00641000	4,774,946	4,774,946	4,774,946	
0.00288500	0.00288500	0	0	0	
0.00000000	0.00000000	0	0	0	
0.00641000	0.00641000	0	0	0	
10.00	10.00	0	0	0	
50.00	50.00	5,691	5,691	5,691	
65.00	65.00	715	715	715	
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	0	0	0	
221.00	221.00	0	0	0	
221.00	221.00	0	0	0	
0.00	0.00	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

		\$4,797,487	\$4,797,487	\$4,797,487
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32.4091  
36.4198  
36.4198  
34.0296  
0  
1.0000

32.4091  
1.0000

32.4091
34.0296

Trans. 151  
Exhibit 3.4-4

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
0.00039500	0.00039500	2,908	2,908	2,908	
0.65000000	0.65000000	0	0	0	
0.21177560	0.21177560	0	0	0	
		\$2,908	\$2,908	\$2,908	

38.2484  
36.4198  
36.4198  
40.1608  
0  
1.0000

38.2484  
1.0000

38.2484
40.1608

Trans. 151  
Exhibit 3.4-5

current	proposed	revenue at last	revenue at current	revenue at proposed	Index
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prices C	prices D	PCI update E = A * B	prices F = A * C	prices G = A * D	Calculation H
		0	0	0	
		\$0	\$0	\$0	
					0.0000
					36.4198
					36.4198
					0.0000
					0
. E)					1.0000
					0.0000
					1.0000
					0.0000
					0.0000

Trans. 151  
Exhibit 3.4-6

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
0.00896603	0.00896603	665,537	665,537	665,537	
0.02000000	0.02000000	0	0	0	
		\$665,537	\$665,537	\$665,537	
		\$665,537	\$665,537	\$665,537	
					90.7792
					36.4198
					36.4198
					95.3181
					0
					1.0000
					90.7792
					1.0000
					90.7792
					95.3181

Trans. 151  
Exhibit 3.4-7

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	
0.18	0.18	0	0	0	
		\$0	\$0	\$0	

0.0000  
36.4198  
36.4198  
0.0000  
0  
1.0000  
  
0.0000  
1.0000

0.0000  
0.0000

Trans. 151  
Exhibit 3.4-8

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
0.00098718	0.00098718	459,757	459,757	459,757	
0.00004000	0.00004000	22,164	22,164	22,164	
28.37	28.37	22,996	22,996	22,996	
302.84	302.84	639,816	639,816	639,816	
28.91	28.91	0	0	0	
		\$1,144,733	\$1,144,733	\$1,144,733	

97.4406  
36.4198  
36.4198  
102.3127  
0  
1.0000

97.4406  
1.0000

97.4406

102.3127

Trans. 151  
Exhibit 3.4-9

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
544.04	544.04	0	0	0	
		\$0	\$0	\$0	
					0.0000
					36.4198
					36.4198
					0.0000
					0
					1.0000
					0.0000
					1.0000
					0.0000
					0.0000
					\$6,610,665
		\$6,610,665	\$6,610,665	\$6,610,665	

36.4198  
1.0000  
36.4198

Trans. 151  
Exhibit 3.4-10

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
0.00055622	0.00055622	410,227	410,227	410,227	
0.00005000	0.00005000	696,992	696,992	696,992	
0.00000000	0.00000000	0	0	0	
0.00004000	0.00004000	0	0	0	
28.91	28.91	0	0	0	
302.84	302.84	0	0	0	
8,479.52	8,479.52	0	0	0	

		\$1,107,219	\$1,107,219	\$1,107,219
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125.8914  
47.2388  
47.2388  
128.4092  
0  
1.0000  
  
125.8914  
1.0000  
  
125.8914  
128.4092

Trans. 151  
Exhibit 3.4-11

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
53.20	53.20	638	638	638	
53.20	53.20	263	263	263	
17.00	17.00	22,969	22,969	22,969	
3.00	3.00	23,528	23,528	23,528	
488.24	488.24	0	0	0	
130.23	130.23	0	0	0	
		\$47,398	\$47,398	\$47,398	

53.0829  
47.2388  
47.2388  
55.7370  
0  
1.0000  
  
53.0829  
1.0000  
  
53.0829  
55.7370

Trans. 151  
Exhibit 3.4-12

current	proposed	revenue at last PCI	revenue at current	revenue at proposed	Index
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prices C	prices D	update E = A * B	prices F = A * C	prices G = A * D	Calculation H
306.73	306.73	23,808	23,808	23,808	
38.60	38.60	80,024	80,024	80,024	
16.81	16.81	352,925	352,925	352,925	
263.00	263.00	48,547	48,547	48,547	
417.00	417.00	5,421	5,421	5,421	
450.00	450.00	0	0	0	
130.23	130.23	0	0	0	
		\$510,726	\$510,726	\$510,726	

74.7888

47.2388

47.2388

78.5282

0

1.0000

74.7888

1.0000

74.7888

78.5282

Trans. 151  
Exhibit 3.4-13

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
1,600.00	1,600.00	3,728	3,728	3,728	
500.00	500.00	2,250	2,250	2,250	
50.00	50.00	24,595	24,595	24,595	
500.00	500.00	51,555	51,555	51,555	
1,297.00	1,297.00	1,297	1,297	1,297	
3,410.00	3,410.00	0	0	0	
415.00	415.00	0	0	0	
		\$83,425	\$83,425	\$83,425	

78.6240

47.2388

47.2388

82.55520  
0  
1.0000  
  
78.6240  
1.0000

78.6240  
82.5552

Trans. 151  
Exhibit 3.4-14

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	0	0	0	
32.67	32.67	0	0	0	
107.80	107.80	0	0	0	
347.02	347.02	0	0	0	
		\$0	\$0	\$0	
		\$594,150	\$594,150	\$594,150	

100.0000  
47.2388  
47.2388  
105.0000  
0  
1.0000  
  
100.0000  
1.0000  
  
100.0000  
105.0000

\$1,748,768	\$1,748,768	\$1,748,768
-------------	-------------	-------------

47.2053  
1.0000  
47.2053



Trans. 151  
Exhibit 3.4-15



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
32.41	32.41	67,445	67,445	67,445	
50.50	50.50	294,290	294,290	294,290	
32.41	32.41	0	0	0	
28.77	28.77	195,348	195,348	195,348	
28.77	28.77	0	0	0	
2.45	2.45	197,283	197,283	197,283	
2.45	2.45	0	0	0	
200.00	200.00	1,000	1,000	1,000	
488.24	488.24	1,465	1,465	1,465	
130.23	130.23	651	651	651	
5.59	5.59	67	67	67	
5.59	5.59	1,705	1,705	1,705	
1.00	1.00	216	216	216	
1.00	1.00	32	32	32	
1.00	1.00	93	93	93	
1.00	1.00	268	268	268	
1.00	1.00	36	36	36	
6.74	6.74	0	0	0	
1.00	1.00	72	72	72	
35.42	35.42	0	0	0	
1.00	1.00	24	24	24	
488.24	488.24	0	0	0	
130.23	130.23	0	0	0	
		\$759,995	\$759,995	\$759,995	

79.1803

Trans. 151  
Exhibit 3.4-16

current prices C	proposed prices D	at last PCI update E = A * B	at current prices F = A * C	at proposed prices G = A * D	Index Calculation H
25.68	25.68	0	0	0	
47.00	47.00	0	0	0	
38.51	38.51	231	231	231	
38.51	38.51	1,848	1,848	1,848	
2.77	2.77	0	0	0	
4.70	4.70	0	0	0	
3.85	3.85	0	0	0	
3.85	3.85	0	0	0	
45.00	45.00	0	0	0	
45.00	45.00	0	0	0	
45.00	45.00	270	270	270	
45.00	45.00	2,160	2,160	2,160	
4.50	4.50	0	0	0	
4.50	4.50	0	0	0	
4.50	4.50	0	0	0	
4.50	4.50	0	0	0	
0.80	0.80	0	0	0	
1.55	1.55	0	0	0	
6.70	6.70	219	219	219	
6.70	6.70	731	731	731	
0.08	0.08	0	0	0	
0.16	0.16	0	0	0	
0.67	0.67	0	0	0	
0.67	0.67	0	0	0	
200.00	200.00	0	0	0	
200.00	200.00	0	0	0	
200.00	200.00	0	0	0	
200.00	200.00	0	0	0	
130.23	130.23	0	0	0	
12.00	12.00	0	0	0	
1.20	1.20	0	0	0	
		\$5,460	\$5,460	\$5,460	

91.5452  
41.0209  
41.0209  
91.5493  
0  
0  
1.0000

38 / Exhibit 3.4-19 Line 66 Col. E)

91.5452  
1.0000

91.5452

Trans. 151  
Exhibit 3.4-17

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
234.12	234.12	5,503,459	5,503,459	5,503,459	
39.41	39.41	897,484	897,484	897,484	
15.00	15.00	2,127,795	2,127,795	2,127,795	
450.00	450.00	173,250	173,250	173,250	
130.59	130.59	6,138	6,138	6,138	
187.21	187.21	30,515	30,515	30,515	
800.00	800.00	0	0	0	
357.80	357.80	0	0	0	
1,410.00	1,410.00	0	0	0	
0.00	0.00	0	0	0	
538.19	538.19	188,905	188,905	188,905	
		\$8,927,546	\$8,927,546	\$8,927,546	

60.5435

41.0209

41.0209

65.3427

0

0

Col. E) + (Line 18 / Exhibit 3.4-19 Line 66 Col. E)

1.0000

60.5435

1.0000

60.5435

63.5707

Trans. 151  
Exhibit 3.4-18

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
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1,400.00	1,400.00	481,600	481,600	481,600
500.00	500.00	212,000	212,000	212,000
50.00	50.00	179,368	179,368	179,368
3,410.00	3,410.00	34,100	34,100	34,100
415.00	415.00	3,320	3,320	3,320
500.00	500.00	0	0	0
1,297.00	1,297.00	0	0	0

		\$910,388	\$910,388	\$910,388
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81.9466  
41.0209  
41.0209  
82.1407  
0  
0  
1.0000

Col. E) + (Line 14 / Exhibit 3.4-19 Line 66 Col. E)

81.9466  
1.0000

81.9466  
86.0440

Trans. 151  
Exhibit 3.4-19

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
68.01	68.01	5,713	5,713	5,713	
68.01	68.01	2,584	2,584	2,584	
68.01	68.01	28,768	28,768	28,768	
67.00	67.00	804	804	804	
99.18	99.18	1,226,857	1,226,857	1,226,857	
99.18	99.18	51,177	51,177	51,177	
3,200.00	3,200.00	0	0	0	
3,000.00	3,000.00	0	0	0	
30.93	30.93	1,639	1,639	1,639	
30.93	30.93	371	371	371	
30.93	30.93	10,423	10,423	10,423	
30.93	30.93	371	371	371	
30.94	30.94	367,165	367,165	367,165	
30.94	30.94	16,677	16,677	16,677	
2,000.00	2,000.00	0	0	0	
2,000.00	2,000.00	0	0	0	

4.80	4.80	5,573	5,573	5,573
4.80	4.80	567	567	567
4.80	4.80	12,414	12,414	12,414
3.81	3.81	313	313	313
3.82	3.82	554,511	554,511	554,511
3.82	3.82	27,015	27,015	27,015
280.00	280.00	0	0	0
280.00	280.00	0	0	0
250.00	250.00	0	0	0
250.00	250.00	0	0	0
250.00	250.00	0	0	0
250.00	250.00	0	0	0
250.00	250.00	11,500	11,500	11,500
250.00	250.00	250	250	250
130.23	130.23	2,084	2,084	2,084
3,600.00	3,600.00	0	0	0
3,600.00	3,600.00	0	0	0
415.00	415.00	0	0	0
415.00	415.00	0	0	0
11.00	11.00	22	22	22
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
60.99	60.99	0	0	0
27.00	27.00	0	0	0
402.75	402.75	0	0	0
4.90	4.90	2,161	2,161	2,161
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	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

\$2,328,958	\$2,328,958	\$2,328,958
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\$12,166,891	\$12,166,891	\$12,166,891
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65.4018  
41.0209  
41.0209  
68.9407  
0  
0

60 / Line 66 Col. E)

1.0000

65.4018

1.0000

65.4018

68.6719

\$12,932,346 \$12,932,346 \$12,932,346

41.0208

1.0000

41.0208