

Citizens Telecommunications Companies - Group #1

CMT Basket

Rate Element Detail

Rate Elements	base period demand 2002	prices at last PCI update
	A	B
1 EUCL - Res. & SLB excl. Semi-Public, 2nd Res.	7,710,859	6.00
2 EUCL - Lifeline	345,132	6.00
3 EUCL - Secondary Residence	637,935	7.00
4 EUCL - BRI ISDN	6,750	7.00
5 EUCL - MLB & Centrex incl. Coin, excl. BRI ISDN	2,160,833	9.20
6 EUCL - PRI ISDN	720	46.00
7 EUCL - Special Access Surcharge	5,596	25.00
8 Port - BRI ISDN	6,750	6.91
9 Port - PRI ISDN	720	59.21
10 Subtotal EUCL Lines or Revenue	10,865,109	
11 PICC - MLB incl. Coin	1,364,318	4.31
12 PICC - Centrex (groups of 9+ lines)	376,115	0.48
13 PICC - Centrex (groups of 8 lines)	19,367	0.54
14 PICC - Centrex (groups of 7 lines)	22,533	0.62
15 PICC - Centrex (groups of 6 lines)	26,728	0.72
16 PICC - Centrex (groups of 5 lines)	33,050	0.86
17 PICC - Centrex (groups of 4 lines)	35,684	1.08
18 PICC - Centrex (groups of 3 lines)	38,577	1.44
19 PICC - Centrex (groups of 2 lines)	39,926	2.16
20 PICC - PRI ISDN	666	21.55
21 Subtotal PICC Lines or Revenue	1,956,964	
22 CCL Premium Terminating MOU	1,379,682,566	0.00000000
24 CCL Non Premium Terminating MOU	0	0.00000000
23 CCL Premium Originating MOU	1,207,278,567	0.00154677
25 CCL Non Premium Originating MOU	0	0.00069605
26 Total CCL MOU or Revenues	2,586,961,133	
27 Total CMT Basket Revenues excluding USAC Receipts		
28 USAC Receipts	10,865,109	
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	10,865,109	

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CMT Basket

USAC Support Detail

base period
demand

Type of Support/Study Area		COSA A	2002 B
Residence & Single Line Business			
1	CTC White Mountains - AZ	CTAZ	408,226
2	Crandon Tel - WI	CTCR	28,628
3	CTC WV - Rural	CTCW	398,642
4	CTC WV - Urban	CTGW	883,260
5	Headwaters Tel - WI	CTHW	62,770
6	CTC Idaho	CTID	232,779
7	CTC Montana	CTMT	85,419
8	CTC NY - Red Hook	CTRH	179,754
9	Rib Lake Tel - WI	CTRL	14,531
10	Rhineland Tel - WI	CTRN	120,954
11	CTC Tennessee	CTTN	712,819
12	CTC NY - Upstate	CTUP	2,716,493
13	CTC Utah	CTUT	213,002
14	CTC NY - Western Counties	CTWC	310,531
15	CTC California - Shasta	CUCA	1,391,415
16	CU Rural Tel AZ - Mohave	CURA	941,453
17	Total Residence & Single Line Business		8,700,676
Multiline Business			
18	CTC White Mountains - AZ	CTAZ	110,027
19	Crandon Tel - WI	CTCR	14,854
20	CTC WV - Rural	CTCW	56,358
21	CTC WV - Urban	CTGW	262,028
22	Headwaters Tel - WI	CTHW	3,928
23	CTC Idaho	CTID	42,738
24	CTC Montana	CTMT	17,635
25	CTC NY - Red Hook	CTRH	44,591
26	Rib Lake Tel - WI	CTRL	2,068
27	Rhineland Tel - WI	CTRN	71,452
28	CTC Tennessee	CTTN	213,393
29	CTC NY - Upstate	CTUP	607,595
30	CTC Utah	CTUT	68,499
31	CTC NY - Western Counties	CTWC	46,212
32	CTC California - Shasta	CUCA	322,194
33	CU Rural Tel AZ - Mohave	CURA	280,861
34	Total Multiline Business		2,164,433
35	Total for Tariff Unit		10,865,109

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements		base period volumes 2002 A	prices in effect at last PCI update B
Local Switching Service Category:			
1	LS1 Premium Local Switching per Minute	31,691,505	0.004100

2	LS2 Premium Local Switching per Minute	2,555,269,628	0.004100
3	Non Premium Local Switching per Minute	0	0.001845
4	FGA Usage Sensitive Credit Allw.	0	0.000000
5	Switched 56Kpbs	0	0.004100
6	Network Blocking - per Blocked Call (FGB, FGC, FGD &	0	0.0200
7	IC CIC Consolidation Charge	0	1.30
8	Agent List, NRC	0	50.00
9	Agent List, Initial, per Account	0	0.03
10	Agent List, Allocation, per Listing	0	0.03
11	Snapshot List, NRC	0	75.00
12	Snapshot List, per Listing	0	0.05
13	EU Valid List, Standard	0	0.0340
14	EU Valid List, Admin Fee	0	78.00
15	EU Valid List, Special Sort	0	0.0540
16	Operator Transfer Service	39,387	0.20
17	NXX Translation NRC, per order	298	221.00
18	500 NXX Translation per End Office	0	221.00
19	Coin Supervision	0	2.10
20	900 Blocking--Residence--Add Blocking	0	5.00
21	900 Blocking--Residence--Remove Blocking	0	5.00
22	900 Blocking--Business--Add Blocking	0	15.00
23	900 Blocking--Business--Remove Blocking	0	15.00
24	International Blocking	0	19.95

25 **SUB-TOTAL, Local Switching**

SBI Calculation:

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

Source / Comments:

Trans. 124
Exhibit 2.1-2, Line 11
Trans. 124
Trans. 124
Exhibit 1.1-3, Line 1
1 + (Line 30 / Line 25 Col. E)

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

Trans. 124
Col. G Line 25 / Col. F Line 25

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

Line 32 * Line 33
Line 26 * (Line 27 / Line 28) * 1.05

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Traffic Sensitive Basket
Rate Element Detail

		base period volumes 2002	prices in effect at last PCI update
Rate Elements		A	B
Information Services Category:			
1	Information Surcharge--Premium	0	0.00000000
2	Information Surcharge--Non Premium	0	0.00000000
3	SUB-TOTAL, Information		

SBI Calculation:

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

Source / Comments:

Trans. 124
 Exhibit 2.1-2, Line 11
 Trans. 124
 Trans. 124
 Exhibit 1.1-3, Line 2
 1 + (Line 8 / Line 3 Col. E)

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

Trans. 124
 Col. G Line 3 / Col. F Line 3

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

Line 10 * Line 11
 Line 4 * (Line 5 / Line 6) * 1.05

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Traffic Sensitive Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices in effect at last PCI update B
800 Data Base - Vertical Features		
1 no services currently provided		
2 SUB-TOTAL, 800 DB Vertical Features		

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 Undesig Exog Chg Targeted to Database Access
 8 Exogenous Cost Change factor for SBI

Source / Comments:

Trans. 124
 Exhibit 2.1-2, Line 11
 Trans. 124
 Trans. 124
 Exhibit 1.1-2, Line 4
 1 + (Line 7 / Exhibit 3.1-6 Line 4 Col.

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

Trans. 124
 Col. G Line 2 / Col. F Line 2

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

Line 9 * Line 10
 Line 3 * (Line 4 / Line 5) * 1.05

Citizens Telecommunications Companies - Group #1

Traffic Sensitive Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices in effect at last PCI update B
Database Access		
1 800 DB Query Charge	386,836,394	0.01049619
2 LNP Access Query Charge	0	0.02000000
3 SUB-TOTAL, 800 Database Basic		

4 SUB-TOTAL, Database Access

SBI Calculation:	Source / Comment
5 SBI(py) = SBI on last day of previous tariff year	Trans. 124
6 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
7 PCI(py) = PCI on last day of previous tariff year	Trans. 124
8 SBI Upper(t-1)	Trans. 124
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. 124
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 2002 A	prices in effect at last PCI update B
Billing Name & Address		
1 BNA per order	0	28.00
2 BNA Found/Each	0	0.32
3 BNA Not Found/Each	0	0.32

4 SUB-TOTAL, BNA

SBI Calculation:	Source / Comments:
5 SBI(py) = SBI on last day of previous tariff year	Trans. 124
6 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
7 PCI(py) = PCI on last day of previous tariff year	Trans. 124
8 SBI Upper(t-1)	Trans. 124
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. 124
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 2002 A	prices in effect at last PCI update B
Trunk Ports		
1 Shared DS1 Port Charge - per MOU	1,750,317,900	0.00257273

2	Multiplexers - (Trunk Side of End Office) - per MOU	1,750,317,900	0.00100000
3	Dedicated VG (DSO) Port Charge	62.00	7.39
4	Dedicated DS1 Port Charge	4,217.18	177.19
5	Dedicated DS3 Port Charge	10.36	4,961.53

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. 124
Exhibit 2.1-2, Line 11
Trans. 124
Trans. 124
Exhibit 1.1-3, Line 3
1 + (Line 11 / Line 6 Col. E)

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

Trans. 124
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

Citizens Telecommunications Companies - Group #1

Traffic Sensitive Basket
Rate Element Detail

	base period volumes 2002 A	prices in effect at last PCI update B
Rate Elements		
STP Ports		
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. 124
Exhibit 2.1-2, Line 11
Trans. 124
Trans. 124
Exhibit 1.1-3, Line 4
1 + (Line 7 / Line 2 Col. E)

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

Trans. 124
Col. G Line 2 / Col. F Line 2

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

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 Preceeding API
15 [SUM (v)*(P(t)/P(t-1))] = API wtd. price ratio
16 API(t) = API(t-1) * [SUM(v) * (P(t)/P(t-1))]

Source / Comments:

Trans. 124
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 2002 A	prices in effect at last PCI update B
Tandem Switched Transport Service Category:		
1 Termination - per Termination, per minute	3,414,648,217	0.00100000
2 Facility - per Mile, per minute	41,022,789,600	0.00005000
3 Tandem Switching per minute	758,867,978	0.00300000
4 Shared Mux DS3 to DS1, per MOU	372,466,881	0.00005000
5 Voice Grade Tandem Trunk Port	0.00	7.39
6 DS1 Tandem Trunk Port	8,575.51	177.19
7 DS3 Tandem Trunk Port	0.00	4,961.53
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. 124
10 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
11 PCI(py) = PCI on last day of previous tariff year	Trans. 124
12 SBI Upper(t-1)	Trans. 124
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. 124
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) * 1.02

Citizens Telecommunications Companies - Group #1

Trunking Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices at last PCI update B
Voice Grade Service Category: Non-Density Zone		
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	74.00	106.83
4 VG Direct Trunked Termination - All Other	382.78	39.00
5 VG Direct Trunked Facility - Mohave	0.00	0.00
5 VG Direct Trunked Facility - All Other	6,044.58	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

Source / Comments:

Trans. 124
 Exhibit 2.1-2, Line 11
 Trans. 124
 Trans. 124
 Exhibit 1.1-3, Line 7
 1 + (Line 13 / Line 8 Col. E)

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

Trans. 124
 Col. G Line 8 / Col. F Line 8

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

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 2002 A	prices at last PCI update B
High Capacity & Other Service Category:		
DS 1 Non-Density Zone:		
1 DS1 Entrance facility	6,666.42	180.00
2 DS1 Direct Trunked Termination - Mohave	395.79	1,539.85
3 DS1 Direct Trunked Termination - All Other	18,426.02	204.00
4 DS1 Direct Trunked Facility - Mohave	0.00	0.00
5 DS1 Direct Trunked Facility - All Other	304,902.55	11.00
6 Mux DS1 to voice	3,178.33	263.00
7 Mux DS1 to voice -- NRC	0	417.00
8 DS1 Entrance Facility -- NRC	1	600.00
9 DS1 Dir. Trk. Transport, per 24 Trunks Activated	1	50.81
10 DS1 Dir. Trk. Transport Activated, per service order	235	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

Source / Comments:

Trans. 124
 Exhibit 2.1-2, Line 11
 Trans. 124
 Trans. 124
 Exhibit 1.1-3, Line 8
 1 + (Line 13 / Line 8 Col. E)

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

Trans. 124
 Col. G Line 8 / Col. F Line 8

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

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 2002 A	prices at last PCI update B
DS 3 Non-Density Zone:		
1 DS3 Entrance facility	56.28	1,600.00
2 DS3 Direct Trunked Termination	26.18	950.00
3 DS3 Direct Trunked Facility	409.55	128.00
4 Mux DS3 to DS1, per month	233.44	1,406.16
5 Mux DS3 to DS1 -- NRC	0.00	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		

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

9 SBI(py) = SBI on last day of previous tariff year	Trans. 124
10 Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
11 PCI(py) = PCI on last day of previous tariff year	Trans. 124
12 SBI Upper(t-1)	Trans. 124
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. 124
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 2002 A	prices at last PCI update B
Other		
1 CCS/SS7 Signaling Mileage Faciity per mile	7,012	2.17
2 CCS/SS7 Signaling Mileage Termination per term	12	32.67
3 CCS/SS7 Singaling Entrance Faciltiy	96	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:**Source / Comments:**

7 SBI(py) = SBI on last day of previous tariff year	Trans. 124
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8	Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
9	PCI(py) = PCI on last day of previous tariff year	Trans. 124
10	SBI Upper(t-1)	Trans. 124
11	ATS Targeting to High Capacity	Exhibit 1.1-3, 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. 124
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

17 **GRAND TOTAL, Trunking Basket**

	Trunking Basket API Calculation:	Source / Comments:
18	API(t-1) = Immediately Preceding API	Trans. 124
19	[SUM (v) * (P(t) / P(t-1)) = API wtd.price ratio	Col. G Line 17 / Col. F Line 17
20	API(t) = API(t-1) * [SUM(v) * (P(t)/P(t-1))]	Line 18 * Line 19

Citizens Telecommunications Companies - Group #1

Special Access Basket

Rate Element Detail

	base period volumes 2002 A	prices at last PCI update B
Rate Elements		
VG/WATS/Metal/Teleg Service Category:		
1 VG Channel Termination, 2 Wire	2,579	55.93
2 VG Channel Termination, 4 Wire	10,372	91.00
3 Metallic Channel Termination	0	55.93
4 VG Channel Mileage Termination, per term.	12,330	39.00
5 Metallic Channel Mileage Termination, per term.	0	42.00
6 VG Channel Mileage Facility, per mile	222,831	0.61
7 Metallic Channel Mileage Facility, per mile	1,272	0.75
8 VG Channel Term 4W NRC, per termination	64	488.24
9 VG Channel Term 2W NRC, per termination	0	488.24
10 VG 2W/4W Channel Term NRC, per order	64	130.23
11 VG data bridging 2W/4W	2,144	9.30
12 VG Voice bridging, 2W/4W	378	9.30
13 VG C-type conditioning	234	7.74
14 VG Improved Attenuation Distortion	216	7.74
15 VG Improved Envelope Delay Distortion	0	7.74
16 VG data capability	1,525	7.74
17 VG Improved Return Loss for Effective 2w/4w	108	11.10
18 VG Customer Specified Receive Level	36	6.74
19 VG Signaling Capability	60	9.40
20 VG Selective Signaling Arrangement	451	9.40
21 VG Improved Term Option	201	11.09
22 Metallic Channel Term NRC, per termination	0	488.24

23	Metallic Channel Term NRC, per order	0	130.23
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24	SUB-TOTAL, VG/WATS/METLL/TELEG		
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VG/WATS/Metallic/Teleg. SBI Calculation:		Source / Comments:
25	SBI(py) = SBI on last day of previous tariff year	Trans. 124
26	Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
27	PCI(py) = PCI on last day of previous tariff year	Trans. 124
28	SBI Upper(t-1)	Trans. 124
29	Exogenous Change Targeted to Voice Grade	Exhibit 1.1-2, Line 15
30	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.1-2, Line 26
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. 124
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

	base period volumes 2002 A	prices at last PCI update B
Rate Elements		
Audio/Video Service Category:		
1 PA Channel Termination mo 200-3500 HZ	168	37.95
2 PA Channel Termination mo 100-5000 HZ	12	37.95
3 PA Channel Termination mo 50-8000 HZ	0	37.95
4 PA Channel Termination mo 50-15000 HZ	72	37.95
5 PA Channel Termination dly 200-3500 HZ	0	5.20
6 PA Channel Termination dly 100-5000 HZ	0	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	24	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	216	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	0	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:

Source / Comments:

33	SBI(py) = SBI on last day of previous tariff year	Trans. 124
34	Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
35	PCI(py) = PCI on last day of previous tariff year	Trans. 124
36	SBI Upper(t-1)	Trans. 124
37	Exogenous Change Targeted to Audio/Video	Exhibit 1.1-2, Line 19
38	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.1-2, Line 26
39	Exogenous Cost Change factor for SBI	1 + (Line 37 / Line 32 Col. E) + (Line 38 / Line 32 Col. E)
40	SBI(t-1) = Immed. preceeding SBI	Trans. 124
41	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	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 2002 A	prices at last PCI update B
High Capacity/DDS Service Category:		
DS 1 Non-Density Zone:		
1 DS1 Channel Termination	53,389	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.)	236	140.00
6 DS1 Channel Mileage Termination	56,525	204.00
7 DS1 Channel Mileage Facility	771,319	11.00
8 DS1 Channel Termination NRC per termination	1,069	600.00
9 DS1 Channel Termination NRC per order	1,069	130.23
10 DS1 Channel Termination NRC, term payment plan	0	450.00
11 Mux DS1 to voice	1,578	263.00
12 Mux DS1 to voice NRC	0	417.00
13 Mux DS1 to DS0	5	263.00
14 Mux DS1 to DS0 NRC	0	417.00
15 Automatic Loop Transfer, per termination	0	143.05

16	Clear Channel Capability	41,236	24.00
17	Clear Channel Capability NRC	0	0.00

18 SUB-TOTAL, DS1 Service

DS1 Subindex Calculation:		Source / Comments:
19	SBI(py) = SBI on last day of previous tariff year	Trans. 124
20	Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
21	PCI(py) = PCI on last day of previous tariff year	Trans. 124
22	SBI Upper(t-1)	Trans. 124
23	Exogenous Change Targeted to Hi Cap	Exhibit 1.1-2, Line 23
24	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.1-2, Line 26
25	Exogenous Cost Change factor for SBI	1 + (Line 23 / Exhibit 3.1-19Line 62 C
26	SBI(t-1) = Immed. preceeding SBI	Trans. 124
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 2002	prices at last PCI update
	A	B
DS 3 Non-Density Zone:		
1 DS3 Channel Termination	1,477	1,505.00
2 DS3 Channel Mileage Termination	1,631	900.00
3 DS3 Channel Mileage Facility	12,158	128.00
4 DS3 Channel Termination NRC per termination	16	3,410.00
5 DS3 Channel Termination NRC per order	17	415.00
6 Mux DS3 to DS1	389	1,406.16
7 Mux DS3 to DS1 NRC	0	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. 124
10	Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
11	PCI(py) = PCI on last day of previous tariff year	Trans. 124
12	SBI Upper(t-1)	Trans. 124
13	Exogenous Change Targeted to Hi Cap	Exhibit 1.1-2, Line 23
14	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.1-2, Line 26
15	Exogenous Cost Change factor for SBI	1 + (Line 13 / Exhibit 3.1-19Line 62 C
16	SBI(t-1) = Immed. preceeding SBI	Trans. 124
17	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 8 / Col. F Line 8

18 $SBI(t) = SBI(t-1) * \sum[V * P(t) / P(t-1)]$
 19 SBI Upper Limit

Line 16 * Line 17
 Line 9 * (Line 10 / Line 11) * 1.05

Citizens Telecommunications Companies - Group #1

Special Access Basket

Rate Element Detail

	base period volumes 2002 A	prices at last PCI update B
Rate Elements		
DDS & Other		
1 DDS Channel Termination 2.4 Kbps	218	100.65
2 DDS Channel Termination 4.8 Kbps	48	100.65
3 DDS Channel Termination 9.6 Kbps	3,597	100.65
4 DDS Channel Termination 19.2 Kbps	144	100.65
5 DDS Channel Termination 56 Kbps	34,637	100.65
6 DDS Channel Termination 64 Kbps	632	100.65
7 OC-3 Channel Termination	4	3,200.00
8 OC-3c Channel Termination	0	3,000.00
9 DDS Channel Mileage Termination 2.4 Kbps	176	47.00
10 DDS Channel Mileage Termination 4.8 Kbps	78	47.00
11 DDS Channel Mileage Termination 9.6 Kbps	3,447	47.00
12 DDS Channel Mileage Termination 19.2 Kbps	163	47.00
13 DDS Channel Mileage Termination 56 Kbps	36,182	70.00
14 DDS Channel Mileage Termination 64 Kbps	2,392	70.00
15 OC-3 Channel Mileage Termination	4	2,000.00
16 OC-3c Channel Mileage Termination	0	2,000.00
17 DDS Channel Mileage Facility 2.4 Kbps	5,442	0.35
18 DDS Channel Mileage Facility 4.8 Kbps	324	0.35
19 DDS Channel Mileage Facility 9.6 Kbps	42,969	0.35
20 DDS Channel Mileage Facility 19.2 Kbps	3,928	0.35
21 DDS Channel Mileage Facility 56 Kbps	1,011,938	0.65
22 DDS Channel Mileage Facility 64 Kbps	19,441	0.65
23 OC-3 Channel Mileage Facility	2	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	0	519.09
28 DDS Channel Termination 19.2 Kbps NRC	0	519.09
29 DDS Channel Termination 56 Kbps NRC	443	519.09
30 DDS Channel Termination 64 Kbps NRC	0	519.09
31 DDS Channel Termination NRC per order	443	130.23
32 OC-3 Channel Termination NRC	2	3,600.00
33 OC-3c Channel Termination NRC	0	3,600.00
34 OC-3 Channel Termination NRC per order	1	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	224	12.38
43	Design Change Charge - NRC	3	31.76
44	Cancellation Charge - NRC	112	402.75
45	Restoration Priority	60	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	623	23.51
50	Add'l Labor, per 1/2 hour per technician, Overtime	11	35.27
51	Add'l Labor, per 1/2 hour per technician, Premium	3	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	1	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	37	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. 124
64	Proposed PCI (Non-Exogenous Only)	Exhibit 2.1-2, Line 11
65	PCI(py) = PCI on last day of previous tariff year	Trans. 124
66	SBI Upper(t-1)	Trans. 124
67	Exogenous Change Targeted to Hi Cap	Exhibit 1.1-2, Line 23
68	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.1-2, Line 26
69	Exogenous Cost Change factor for SBI	1 + (Line 67 / Line 62 Col. E) + (Line
70	SBI(t-1) = Immed. preceeding SBI	Trans. 124
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 Preceding API	Trans. 124
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. 138
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
6.00	6.50	6.50	\$46,265,154	\$46,265,154	\$50,120,584
6.00	6.50	6.50	\$2,070,792	\$2,070,792	\$2,243,358
7.00	7.00	7.00	\$4,465,545	\$4,465,545	\$4,465,545
7.00	7.00	7.00	\$47,250	\$47,250	\$47,250
9.20	9.20	9.20	\$19,879,664	\$19,879,664	\$19,879,664
46.00	46.00	46.00	\$33,120	\$33,120	\$33,120
25.00	25.00	25.00	\$139,900	\$139,900	\$139,900
6.91	6.91	6.91	\$46,643	\$46,643	\$46,643
59.21	59.21	59.21	\$42,631	\$42,631	\$42,631
			\$72,990,698	\$72,990,698	\$77,018,694
4.31	4.31	4.31	\$5,880,211	\$5,880,211	\$5,880,211
0.48	0.48	0.48	\$180,117	\$180,117	\$180,117
0.54	0.54	0.54	\$10,434	\$10,434	\$10,434
0.62	0.62	0.62	\$13,874	\$13,874	\$13,874
0.72	0.72	0.72	\$19,200	\$19,200	\$19,200
0.86	0.86	0.86	\$28,489	\$28,489	\$28,489
1.08	1.08	1.08	\$38,450	\$38,450	\$38,450
1.44	1.44	1.44	\$55,422	\$55,422	\$55,422
2.16	2.16	2.16	\$86,041	\$86,041	\$86,041
21.55	21.55	21.55	\$14,352	\$14,352	\$14,352
			\$6,326,589	\$6,326,589	\$6,326,589
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
0.00000000	0.00000000	0.00000000	\$0	\$0	\$0
0.00154677	0.00000000	0.00000000	\$1,867,378	\$1,867,378	\$0
0.00069605	0.00000000	0.00000000	\$0	\$0	\$0
			\$1,867,378	\$1,867,378	\$0
			\$81,184,666	\$81,184,666	\$83,345,283
			\$23,085,927	\$23,085,927	\$23,800,357
			\$104,041,419	\$104,041,419	\$106,916,466
			\$229,174	\$229,174	\$229,174
			\$104,270,593	\$104,270,593	\$107,145,640
			\$0	\$0	\$3,410,350
			9.575736	9.575736	9.526468

Trans. 138
Exhibit 3.1-2

Current Support	Proposed Support	Current Total	Proposed Total
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Level C	Level D	Support E = B * C	Support F = B * D
2.2275	3.1495	909,323	1,285,708
4.6604	4.7509	133,418	136,009
4.7917	4.8915	1,910,173	1,949,957
3.7356	3.8067	3,299,506	3,362,306
0.0000	0.0000	0	0
6.5794	6.7195	1,531,546	1,564,158
4.1757	4.2587	356,684	363,774
0.5965	0.5926	107,223	106,522
3.3922	3.4553	49,292	50,209
0.0000	0.0000	0	0
0.6063	0.5568	432,182	396,898
2.0145	2.0490	5,472,375	5,566,094
3.8041	3.8770	810,281	825,809
3.0301	3.0835	940,940	957,522
3.0022	3.0534	4,177,306	4,248,547
1.6331	1.6573	1,537,487	1,560,270
		21,667,737	22,373,783

1.4571	1.4665	160,320	161,355
2.5230	2.5412	37,477	37,747
2.6403	2.6818	148,802	151,141
1.5842	1.5970	415,105	418,459
0.0000	0.0000	0	0
4.4397	4.5098	189,744	192,740
2.0243	2.0490	35,699	36,134
0.0000	0.0000	0	0
1.2517	1.2455	2,589	2,576
0.0000	0.0000	0	0
0.0000	0.0000	0	0
0.0000	0.0000	0	0
0.0000	0.0000	0	0
1.6527	1.6673	113,208	114,208
0.8899	0.8738	41,124	40,380
0.8508	0.8437	274,123	271,835
0.0000	0.0000	0	0
		1,418,190	1,426,574
		23,085,927	23,800,357

Trans. 138
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
0.004100	0.00324014	129,935	129,935	102,685	

0.004100	0.00324014	10,476,605	10,476,605	8,279,431
0.001845	0.00145806	0	0	0
0.000000	0.00000000	0	0	0
0.004100	0.00324014	0	0	0
0.0200	0.0200	0	0	0
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	7,877	7,877	7,877
221.00	221.00	65,858	65,858	65,858
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

\$10,680,276	\$10,680,276	\$8,455,852
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31.1706
39.0547
39.0547
32.7292
(2,224,424)
0.7917

31.1706
0.7917

24.6786
25.9125

Trans. 138
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
39.0547
39.0547
0.0000
0
1.0000

0.0000
1.0000

0.0000
0.0000

Trans. 138
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
39.0547
39.0547
0.0000
3,278
1.0000

0.0000
1.0000

0.0000
0.0000

Trans. 138
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
0.01049619 0.02000000	0.01050466 0.02000000	4,060,308 0	4,060,308 0	4,063,585 0	
		\$4,060,308	\$4,060,308	\$4,063,585	

	\$4,060,308	\$4,060,308	\$4,063,585
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55.8496
39.0547
39.0547
58.6420
3,278
1.0008

55.8496
1.0008

55.8947
58.6894

Trans. 138
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	
0.32	0.40	0	0	0	
0.32	0.40	0	0	0	
		\$0	\$0	\$0	

0.0000
39.0547
39.0547
0.0000
0
1.0000

0.0000
1.0000

0.0000
0.0000

Trans. 138
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	0.00257273	4,503,095	4,503,095	4,503,095	

0.00100000	0.00075469	1,750,318	1,750,318	1,320,947
7.39	10.00	458	458	620
177.19	150.00	747,242	747,242	632,577
4,961.53	5,000.00	51,401	51,401	51,800

\$7,052,515	\$7,052,515	\$6,509,040
-------------	-------------	-------------

81.9410
39.0547
39.0547
86.0380
(543,475)
0.9229

81.9410
0.9229

75.6265
79.4078

Trans. 138
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
39.0547
39.0547
0.0000
0
1.0000

0.0000
1.0000

0.0000
0.0000

\$21,793,099	\$21,793,099	\$19,028,476
--------------	--------------	--------------

39.0547
0.8731
34.1003

Trans. 138
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	3,414,648	3,414,648	3,414,648	
0.00005000	0.00005000	2,051,139	2,051,139	2,051,139	
0.00300000	0.00005000	2,276,604	2,276,604	37,943	
0.00005000	0.00005000	18,623	18,623	18,623	
7.39	10.00	0	0	0	
177.19	150.00	1,519,495	1,519,495	1,286,327	
4,961.53	5,000.00	0	0	0	
		\$9,280,510	\$9,280,510	\$6,808,681	

81.9759
36.4568
36.4568
83.6154
(2,471,829)
0.7337

81.9759
0.7337

60.1419
61.3448

Trans. 138
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	
106.83	100.00	7,905	7,905	7,400	
39.00	38.00	14,928	14,928	14,546	
0.00	0.00	0	0	0	
0.61	0.61	3,707	3,707	3,707	
488.24	488.24	0	0	0	
130.23	130.23	0	0	0	
		\$34,654	\$34,654	\$33,766	

93.0217
 36.4568
 36.4568
 97.6728
 (888)
 0.9744

93.0217
 0.9744

90.6375
 95.1694

Trans. 138
 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
180.00	150.00	1,199,956	1,199,956	999,963	
1,539.85	900.00	609,457	609,457	356,211	
204.00	150.00	3,758,908	3,758,908	2,763,903	
0.00	0.00	0	0	0	
11.00	7.33	3,353,928	3,353,928	2,234,936	
263.00	263.00	835,901	835,901	835,901	
417.00	417.00	0	0	0	
600.00	600.00	600	600	600	
50.81	50.81	51	51	51	
130.23	130.23	30,570	30,570	30,570	
		\$9,789,371	\$9,789,371	\$7,222,134	

83.5290
 36.4568
 36.4568
 87.7054
 (2,567,236)
 0.7378

83.5290
 0.7378

61.6237
 64.7049

Trans. 138
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
1,600.00	1,500.00	90,048	90,048	84,420	
950.00	900.00	24,871	24,871	23,562	
128.00	120.00	52,422	52,422	49,146	
1,406.16	1,400.00	328,254	328,254	326,816	
1,297.00	1,297.00	0	0	0	
3,410.00	3,410.00	0	0	0	
415.00	415.00	0	0	0	
		\$495,595	\$495,595	\$483,944	

4.3716
36.4568
36.4568
4.59016
(11,651)
0.9765

4.3716
0.9765

4.2688
4.4822

Trans. 138
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	15,216	15,216	15,216	
32.67	32.67	392	392	392	
107.80	107.80	10,349	10,349	10,349	
347.02	347.02	0	0	0	
		\$25,957	\$25,957	\$25,957	
		\$10,310,923	\$10,310,923	\$7,732,036	

82.4373

36.4568
36.4568
86.5592
(2,578,888)
0.7499

82.4373
0.7499

61.8187
64.9097

\$19,626,087 \$19,626,087 \$14,574,482

36.4568
0.7426
27.0731

Trans. 138
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	144,243	144,243	144,243	
91.00	91.00	943,789	943,789	943,789	
55.93	55.93	0	0	0	
39.00	39.00	480,870	480,870	480,870	
42.00	42.00	0	0	0	
0.61	0.61	135,927	135,927	135,927	
0.75	0.75	954	954	954	
488.24	488.24	31,247	31,247	31,247	
488.24	488.24	0	0	0	
130.23	130.23	8,335	8,335	8,335	
9.30	1.00	19,939	19,939	2,144	
9.30	1.00	3,515	3,515	378	
7.74	1.00	1,811	1,811	234	
7.74	1.00	1,672	1,672	216	
7.74	7.74	0	0	0	
7.74	1.00	11,804	11,804	1,525	
11.10	1.00	1,199	1,199	108	
6.74	1.00	243	243	36	
9.40	1.00	564	564	60	
9.40	1.00	4,239	4,239	451	
11.09	1.00	2,229	2,229	201	
488.24	488.24	0	0	0	

130.23	130.23	0	0	0
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\$1,792,581	\$1,792,581	\$1,750,719
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91.8652
61.3659
64.6868
93.1860
0
38,278
1.0008

91.8652
0.9766

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

89.7199
91.5803

Trans. 138
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
37.95	37.71	6,376	6,376	6,335	
37.95	37.95	455	455	455	
37.95	37.95	0	0	0	
37.95	37.95	2,732	2,732	2,732	
5.20	5.20	0	0	0	
5.20	5.20	0	0	0	
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	911	911	911	
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	670	670	670	
0.08	0.08	0	0	0	
0.16	0.16	0	0	0	
0.24	0.24	0	0	0	
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

	\$12,751	\$12,751	\$12,711
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83.3095
61.3659
64.6868
83.4618
0
38,278
1.0008

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

83.3095
0.9968

83.0461
83.0511

Trans. 138
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	9,610,020	9,610,020	9,610,020	
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	33,040	33,040	33,040	
204.00	195.36	11,531,100	11,531,100	11,042,724	
11.00	10.00	8,484,506	8,484,506	7,713,187	
600.00	600.00	641,400	641,400	641,400	
130.23	130.59	139,216	139,216	139,601	
450.00	450.00	0	0	0	
263.00	263.00	415,014	415,014	415,014	
417.00	417.00	0	0	0	
263.00	263.00	1,315	1,315	1,315	
417.00	417.00	0	0	0	
143.05	143.05	0	0	0	

24.00	0.00	989,664	989,664	0
0.00	538.19	0	0	0

\$31,845,275	\$31,845,275	\$29,596,301
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84.4136
61.3659
64.6868
90.2058
0
38,278
1.0008

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

84.4136
0.9294

78.4521
84.1518

Trans. 138
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
1,505.00	1,500.00	2,222,885	2,222,885	2,215,500	
900.00	900.00	1,467,900	1,467,900	1,467,900	
128.00	120.00	1,556,282	1,556,282	1,459,014	
3,410.00	3,410.00	54,560	54,560	54,560	
415.00	415.00	7,055	7,055	7,055	
1,406.16	1,400.00	546,996	546,996	544,600	
1,297.00	1,297.00	0	0	0	
		\$5,855,678	\$5,855,678	\$5,748,629	

92.1123
61.3659
64.6868
93.4422
0
38,278
1.0008

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

92.1123
0.9817

90.4284
91.8266

Trans. 138
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	21,942	21,942	21,942	
100.65	100.65	4,831	4,831	4,831	
100.65	100.65	362,038	362,038	362,038	
100.65	100.65	14,494	14,494	14,494	
100.65	100.65	3,486,214	3,486,214	3,486,214	
100.65	100.65	63,611	63,611	63,611	
3,200.00	3,200.00	12,800	12,800	12,800	
3,000.00	3,000.00	0	0	0	
47.00	47.00	8,272	8,272	8,272	
47.00	47.00	3,683	3,683	3,683	
47.00	47.00	162,009	162,009	162,009	
47.00	47.00	7,661	7,661	7,661	
70.00	70.00	2,532,740	2,532,740	2,532,740	
70.00	70.00	167,440	167,440	167,440	
2,000.00	2,000.00	8,000	8,000	8,000	
2,000.00	2,000.00	0	0	0	
0.35	0.35	1,905	1,905	1,905	
0.35	0.35	113	113	113	
0.35	0.35	15,039	15,039	15,039	
0.35	0.35	1,375	1,375	1,375	
0.65	0.65	662,668	662,668	662,668	
0.65	0.65	12,636	12,636	12,636	
280.00	280.00	538	538	538	
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	0	0	0	
519.09	519.09	0	0	0	
519.09	519.09	229,957	229,957	229,957	
519.09	519.09	0	0	0	
130.23	130.23	57,692	57,692	57,692	
3,600.00	3,600.00	7,200	7,200	7,200	
3,600.00	3,600.00	0	0	0	
415.00	415.00	415	415	415	
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	2,773	2,773	2,773
31.76	31.76	95	95	95
402.75	402.75	45,108	45,108	45,108
4.90	4.90	294	294	294
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	14,642	14,642	14,642
35.27	35.27	388	388	388
47.02	47.02	151	151	151
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	24	24	24
35.27	35.27	0	0	0
47.02	47.02	0	0	0
23.51	23.51	860	860	860
35.27	35.27	0	0	0
47.02	47.02	0	0	0

		\$7,909,607	\$7,909,607	\$7,909,607
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		\$45,610,560	\$45,610,560	\$43,254,537
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68 / Line 74 Col. E)

87.0538
61.3659
64.6868
91.5776
0
38,278
1.0008

87.0538
0.9483

82.5570
86.7838

		\$47,415,892	\$47,415,892	\$45,017,967
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64.6867
0.9494
61.4154