

Citizens Telecommunications Companies - Group #4

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.	2,806,836	6.00
2 EUCL - Lifeline	54,730	6.00
3 EUCL - Secondary Residence	198,339	7.00
4 EUCL - BRI ISDN	2,837	7.00
5 EUCL - MLB & Centrex incl. Coin, excl. BRI ISDN	702,303	9.20
6 EUCL - PRI ISDN	48	46.00
7 EUCL - Special Access Surcharge	3,536	25.00
8 Port - BRI ISDN	2,837	2.00
9 Port - PRI ISDN	48	9.56
10 Subtotal EUCL Lines or Revenue	3,765,285	
11 PICC - MLB incl. Coin	547,694	4.31
12 PICC - Centrex (groups of 9+ lines)	53,148	0.48
13 PICC - Centrex (groups of 8 lines)	4,232	0.54
14 PICC - Centrex (groups of 7 lines)	4,081	0.62
15 PICC - Centrex (groups of 6 lines)	5,292	0.72
16 PICC - Centrex (groups of 5 lines)	6,790	0.86
17 PICC - Centrex (groups of 4 lines)	7,459	1.08
18 PICC - Centrex (groups of 3 lines)	7,812	1.44
19 PICC - Centrex (groups of 2 lines)	6,770	2.16
20 PICC - PRI ISDN	0	21.55
21 Subtotal PICC Lines or Revenue	643,278	
22 CCL Premium Terminating MOU	562,894,604	0.00000000
24 CCL Non Premium Terminating MOU	0	0.00000000
23 CCL Premium Originating MOU	241,240,544	0.00000000
25 CCL Non Premium Originating MOU	0	0.00000000
26 Total CCL MOU or Revenues	804,135,148	
27 Total CMT Basket Revenues excluding USAC Receipts		
28 USAC Receipts	3,765,285	
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	3,765,285	

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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 of Nebraska - Fort Kearney	CTFK	504,786
2	CTC of Illinois	CTIL	1,129,643
3	CTC of Minnesota - Lakes	CTLK	1,385,478
4	CTC of Minnesota - South	CTSO	42,835
5	Total Residence & Single Line Business		3,062,742
Multiline Business			
6	CTC of Nebraska - Fort Kearney	CTFK	186,677
7	CTC of Illinois	CTIL	241,370
8	CTC of Minnesota - Lakes	CTLK	269,082
9	CTC of Minnesota - South	CTSO	5,414
10	Total Multiline Business		702,543
11	Total for Tariff Unit		3,765,285

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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	5,968,468	0.00641000
2	LS2 Premium Local Switching per Minute	798,166,680	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	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	0	0.20
17	NXX Translation NRC, per order	0	221.00
18	500 NXX Translation per end office	0	221.00
19	500 NXX Translation Addl NXX	0	0.00
20	Coin Supervision	0	2.10
21	900 Blocking--Residence--Add Blocking	0	5.00
22	900 Blocking--Residence--Remove Blocking	0	5.00
23	900 Blocking--Business--Add Blocking	0	15.00
24	900 Blocking--Business--Remove Blocking	0	15.00

25 International Blocking 0 19.95

26 SUB-TOTAL, Local Switching

SBI Calculation:	Source / Comments:
27 SBI(py) = SBI on last day of previous tariff year	Trans. 124
28 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
29 PCI(py) = PCI on last day of previous tariff year	Trans. 124
30 SBI Upper(t-1)	Trans. 124
31 ATS Targeting to Switching	Exhibit 1.4-3, Line 1
32 Exogenous Cost Change factor for SBI	1 + (Line 31 / Line 26 Col. E)
33 SBI(t-1) = Immed. preceeding SBI	Trans. 124
34 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 26 / Col. F Line 26
35 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 33 * Line 34
36 SBI Upper Limit	Line 27 * (Line 28 / Line 29) * 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
Information Services Category:		
1 Information Surcharge--Premium	7,786,100	0.00039500
2 Inward Operator Assistance	0	0.65000000
3 Operator Assistance	0	0.21177560

4 SUB-TOTAL, Information

SBI Calculation:	Source / Comments:
5 SBI(py) = SBI on last day of previous tariff year	Trans. 124
6 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
7 PCI(py) = PCI on last day of previous tariff year	Trans. 124
8 SBI Upper(t-1)	Trans. 124
9 ATS Targeting to Information	Exhibit 1.4-3, Line 2
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

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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
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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 2.4-2, Line 11
 Trans. 124
 Trans. 124
 Exhibit 1.4-2, Line 4
 1 + (Line 7 / Exhibit 3.4-6 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)]

Line 9 * Line 10

- 12 SBI Upper Limit

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

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Traffic Sensitive Basket

Rate Element Detail

	base period volumes 2002 A	prices in effect at last PCI update B
Rate Elements		
Database Access		
1 800 DB Query Charge	73,987,765	0.00898220
2 LNP Access Query Charge	0	0.02000000

3 SUB-TOTAL, 800 Database Basic

4 SUB-TOTAL, Database Access

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 Exogenous Change Targeted to Database Access
 10 Exogenous Cost Change factor for SBI

Source / Commen

Trans. 124
 Exhibit 2.4-2, Line 11
 Trans. 124
 Trans. 124
 Exhibit 1.4-2, Line 4
 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. 124
 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

base period volumes	prices in effect at last
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Rate Elements	2002 A	PCI update B
Billing Name & Address		
1 BNA per order	0	33.67
2 BNA Found/Each	0	0.29
3 BNA Not Found/Each	0	0.32
4 Data Gathering, Processing Fee	0	0.18

5 SUB-TOTAL, BNA

SBI Calculation:	Source / Comments:
6 SBI(py) = SBI on last day of previous tariff year	Trans. 124
7 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
8 PCI(py) = PCI on last day of previous tariff year	Trans. 124
9 SBI Upper(t-1)	Trans. 124
10 Exogenous Change Targeted to BNA	Exhibit 1.4-2, Line 8
11 Exogenous Cost Change factor for SBI	1 + (Line 10 / Line 5 Col. E)
12 SBI(t-1) = Immed. preceeding SBI	Trans. 124
13 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 5 / Col. F Line 5
14 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 12 * Line 13
15 SBI Upper Limit	Line 6 * (Line 7 / Line 8) * 1.05

Citizens Telecommunications Companies - Group #4

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	526,711,583	0.00098718
2 Multiplexers - (Trunk Side of End Office) - per MOU	526,711,583	0.00004000
2 Dedicated VG (DSO) Port Charge	826.06	28.37
3 Dedicated DS1 Port Charge	1,582.81	302.84
4 Dedicated Port Charge Analog	0.00	28.91

5 SUB-TOTAL, Trunk Ports

SBI Calculation:	Source / Comments:
6 SBI(py) = SBI on last day of previous tariff year	Trans. 124
7 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
8 PCI(py) = PCI on last day of previous tariff year	Trans. 124
9 SBI Upper(t-1)	Trans. 124
10 ATS Targeting to Trunk Ports	Exhibit 1.4-3, Line 3
11 Exogenous Cost Change factor for SBI	1 + (Line 10 / Line 5 Col. E)
12 SBI(t-1) = Immed. preceeding SBI	Trans. 124
13 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 5 / Col. F Line 5
14 SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 12 * Line 13
15 SBI Upper Limit	Line 6 * (Line 7 / Line 8) * 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
STP Ports			
1	Signalling Transfer Point Port Termination	0	544.04
2	SUB-TOTAL, STP Ports		
SBI Calculation:		Source / Comments:	
3	SBI(py) = SBI on last day of previous tariff year	Trans. 124	
4	Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11	
5	PCI(py) = PCI on last day of previous tariff year	Trans. 124	
6	SBI Upper(t-1)	Trans. 124	
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. 124	
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		

Traffic Sensitive Basket API Calculation:		Source / Comments:	
14	API(t-1) = Immediately Preceeding API	Trans. 124	
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 2002 A	prices in effect at last PCI update B
Tandem Switched Transport Service Category:			
1	Termination - per Termination, per minute	839,885,883	0.00055622
2	Facility - per Mile, per minute	12,517,856,022	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

Source / Comments:

Trans. 124
 Exhibit 2.4-2, Line 11
 Trans. 124
 Trans. 124
 Exhibit 1.4-3, Line 6
 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) * 1.02

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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	19.00	53.20
2 VG Entrance facility -- 4 Wire	8.00	53.20
3 VG Direct Trunked Termination	822.59	17.00
4 VG Direct Trunked Facility	7,559.99	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

Source / Comments:

Trans. 124
 Exhibit 2.4-2, Line 11
 Trans. 124
 Trans. 124
 Exhibit 1.4-3, Line 7
 1 + (Line 12 / Line 7 Col. E)

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

Trans. 124
 Col. G Line 7 / Col. F Line 7

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

Line 14 * Line 15
 Line 8 * (Line 9 / Line 10) * 1.05

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Trunking Basket

Rate Element Detail

Rate Elements	base period volumes 2002 A	prices at last PCI update B
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High Capacity & Other Service Category:**DS 1 Non-Density Zone:**

1	DS1 Entrance facility	30.89	306.73
2	DS1 Direct Trunked Termination	1,638.41	38.60
3	DS1 Direct Trunked Facility	16,143.06	16.81
4	Mux DS1 to voice	0.00	263.00
5	Mux DS1 to voice -- NRC	0	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		

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

7	SBI(py) = SBI on last day of previous tariff year	Trans. 124
8	Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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 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. 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

Citizens Telecommunications Companies - Group #4

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	75.59	1,600.00
2	DS3 Direct Trunked Termination	9.78	500.00
3	DS3 Direct Trunked Facility	487.91	50.00
4	Mux DS3 to DS1, per month	142.56	500.00
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 2.4-2, 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 1.4-3, Line 9

14 Exogenous Cost Change factor for SBI	1 + (Line 13 / Line 8 Col. E)
15 SBI(t-1) = Immed. preceeding SBI	Trans. 124
16 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 8 / Col. F Line 8
17 SBI(t) = SBI(t-1)*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 2002 A	prices at last PCI update B
Other		
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	Source / Comments: Trans. 124
8 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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 1.4-3, 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. 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:

18 API(t-1) = Immediately Preceeding API	Source / Comments: 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 #4

Special Access Basket

Rate Element Detail

base period volumes	prices at last PCI
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Rate Elements	2002 A	update B
VG/WATS/Metal/Teleg Service Category:		
1 VG Channel Termination, 2 Wire	2,269	32.41
2 VG Channel Termination, 4 Wire	6,813	50.50
3 Metallic Channel Termination	0	32.41
4 VG Channel Mileage Termination, per term.	7,914	28.77
5 Metallic Channel Mileage Termination, per term.	0	28.77
6 VG Channel Mileage Facility, per mile	92,164	2.45
7 Metallic Channel Mileage Facility, per mile	0	2.45
8 VG Channel Term 4W NRC, per termination	0	200.00
9 VG Channel Term 2W NRC, per termination	0	488.24
10 VG data bridging 2W/4W	224	5.59
11 VG Voice bridging, 2W/4W	224	5.59
12 VG C-type conditioning	121	30.00
13 VG Conditioning	370	5.43
14 VG Improved Attenuation Distortion	24	7.74
15 VG Improved Envelope Delay Distortion	132	7.74
16 VG data capability	176	1.00
17 VG Improved Return Loss for Effective 2w/4w	37	3.75
18 VG Customer Specified Receive Level	0	6.74
19 VG Signaling Capability	146	8.76
20 VG Selective Signaling Arrangement	0	35.42
21 VG Improved Term Option	25	10.00
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. 124
26 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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 1.4-2, Line 15
30 Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, 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 #4

Special Access Basket

Rate Element Detail

base period	prices at
volumes	last PCI
2002	update

Rate Elements	A	B
Audio/Video Service Category:		
1 PA Channel Termination mo 200-3500 HZ	24	27.72
2 PA Channel Termination mo 100-5000 HZ	0	47.00
3 PA Channel Termination mo 50-8000 HZ	12	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	12	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	283	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:	Source / Comments:
33 SBI(py) = SBI on last day of previous tariff year	Trans. 124
34 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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 1.4-2, Line 19
38 Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, Line 26
39 Exogenous Cost Change factor for SBI	1 + (Line 37 / Line 32 Col. E) + (Line :
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 #4

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	19,060	248.00
2 DS1 Channel Mileage Termination	18,408	39.41
3 DS1 Channel Mileage Facility	124,533	15.00
4 DS1 Channel Termination NRC per termination	0	450.00
5 DS1 Channel Termination NRC per order	0	130.23
6 Mux DS1 to voice	173	187.21
7 Mux DS1 to voice NRC	3	800.00
8 Mux DS1 to DS0	0	187.21
9 Mux DS1 to DS0 NRC	0	800.00
10 Clear Channel Capability	14,273	24.00
11 Clear Channel Capability NRC	0	538.19
12 SUB-TOTAL, DS1 Service		

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

13 SBI(py) = SBI on last day of previous tariff year	Trans. 124
14 Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
15 PCI(py) = PCI on last day of previous tariff year	Trans. 124
16 SBI Upper(t-1)	Trans. 124
17 Exogenous Change Targeted to Hi Cap	Exhibit 1.4-2, Line 23
18 Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, Line 26
19 Exogenous Cost Change factor for SBI	1 + (Line 17 / Exhibit 3.4-19Line 50 C
20 SBI(t-1) = Immed. preceeding SBI	Trans. 124
21 Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 12 / Col. F Line 12
22 SBI(t) = SBI(t-1)*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 2002 A	prices at last PCI update B
DS 3 Non-Density Zone:		
1 DS3 Channel Termination	203	1,420.25

2	DS3 Channel Mileage Termination	261	500.00
3	DS3 Channel Mileage Facility	1,649	50.00
4	DS3 Channel Termination NRC per termination	0	3,410.00
5	DS3 Channel Termination NRC per order	0	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:

Source / Comments:

9	SBI(py) = SBI on last day of previous tariff year	Trans. 124
10	Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, 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 1.4-2, Line 23
14	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, Line 26
15	Exogenous Cost Change factor for SBI	1 + (Line 13 / Exhibit 3.4-19Line 50 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)]	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 2002 A	prices at last PCI update B
DDS & Other		
1 DDS Channel Termination 2.4 Kbps	111	68.01
2 DDS Channel Termination 4.8 Kbps	55	68.01
3 DDS Channel Termination 9.6 Kbps	485	68.01
4 DDS Channel Termination 19.2 Kbps	36	67.00
5 DDS Channel Termination 56 Kbps	13,717	99.18
6 DDS Channel Termination 64 Kbps	574	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	61	30.93
10 DDS Channel Mileage Termination 4.8 Kbps	13	30.93
11 DDS Channel Mileage Termination 9.6 Kbps	456	30.93
12 DDS Channel Mileage Termination 19.2 Kbps	36	30.93
13 DDS Channel Mileage Termination 56 Kbps	12,889	30.94
14 DDS Channel Mileage Termination 64 Kbps	582	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	1,981	4.80

18	DDS Channel Mileage Facility 4.8 Kbps	126	4.80
19	DDS Channel Mileage Facility 9.6 Kbps	3,592	4.80
20	DDS Channel Mileage Facility 19.2 Kbps	197	3.81
21	DDS Channel Mileage Facility 56 Kbps	155,295	3.82
22	DDS Channel Mileage Facility 64 Kbps	6,764	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	0	250.00
30	DDS Channel Termination 64 Kbps NRC	0	250.00
31	DDS Channel Termination NRC per order	0	130.23
32	DDS data bridging	55	11.00
33	OC-3 to DS3 Multiplexing	0	1,500.00
34	OC-3 to DS1 Multiplexing	0	1,800.00
35	OC-3 to DS3 Multiplexing NRC	0	1,297.00
36	OC-3 to DS1 Multiplexing NRC	0	1,297.00
37	NID Replacement NRC	0	99.00
33	Service Date Change - NRC	0	60.99
34	Design Change Charge - NRC	0	27.00
35	Cancellation Charge - NRC	0	402.75
36	Restoration Priority	0	4.90
37	Add'l Engineering, per 1/2 hour, Basic	0	30.19
38	Add'l Engineering, per 1/2 hour, Overtime	0	45.29
39	Add'l Engineering, per 1/2 hour, Premium	0	60.38
40	Add'l Labor, per 1/2 hour per technician, Basic	0	23.51
41	Add'l Labor, per 1/2 hour per technician, Overtime	0	35.27
42	Add'l Labor, per 1/2 hour per technician, Premium	0	47.02
43	Standby, per 1/2 hour per technician, Basic	0	23.51
44	Standby, per 1/2 hour per technician, Overtime	0	35.27
45	Standby, per 1/2 hour per technician, Premium	0	47.02
46	Programming, per 1/2 hour per programmer, Basic	0	23.51
47	Programming, per 1/2 hour per programmer, Overtime	0	35.27
48	Programming, per 1/2 hour per programmer, Premium	0	47.02

49 SUB-TOTAL, Other High Cap & DDS

50 SUB-TOTAL, High Capacity/DDS

High Cap/DDS SBI Calculation:

Source / Comments:

51	SBI(py) = SBI on last day of previous tariff year	Trans. 124
52	Proposed PCI (Non-Exogenous Only)	Exhibit 2.4-2, Line 11
53	PCI(py) = PCI on last day of previous tariff year	Trans. 124
54	SBI Upper(t-1)	Trans. 124
55	Exogenous Change Targeted to Hi Cap	Exhibit 1.4-2, Line 23
56	Undesignated Exog. Chg for Special Access Basket	Exhibit 1.4-2, Line 26
57	Exogenous Cost Change factor for SBI	1 + (Line 55 / Line 50 Col. E) + (Line
58	SBI(t-1) = Immed. preceeding SBI	Trans. 124
59	Sum[V * P(t) / P(t-1)] = SBI wtd. price ratio	Col. G Line 50 / Col. F Line 50
60	SBI(t) = SBI(t-1)*Sum[V*P(t)/P(t-1)]	Line 58 * Line 59

61 SBI Upper Limit

Line 51 * (Line 52 / Line 53) * 1.05

62 GRAND TOTAL, Special Access Basket

Special Access Basket API Calculation:

63 $API(t-1)$ = Immediately Preceeding API

64 $[SUM(v) * (P(t) / P(t-1))] = API \text{ wtd.price ratio}$

65 $API(t) = API(t-1) * [SUM(v) * (P(t)/P(t-1))]$

Source / Comments:

Trans. 124

Col. G Line 62 / Col. F Line 62

Line 63 * Line 64

Trans. 138
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
6.00	6.50	6.50	\$16,841,016	\$16,841,016	\$18,244,434
6.00	6.50	6.50	\$328,380	\$328,380	\$355,745
7.00	7.00	7.00	\$1,388,373	\$1,388,373	\$1,388,373
7.00	7.00	7.00	\$19,859	\$19,859	\$19,859
9.20	9.20	9.20	\$6,461,188	\$6,461,188	\$6,461,188
46.00	46.00	46.00	\$2,208	\$2,208	\$2,208
25.00	25.00	25.00	\$88,400	\$88,400	\$88,400
2.00	2.00	2.00	\$5,674	\$5,674	\$5,674
9.56	9.56	9.56	\$459	\$459	\$459
			\$25,135,556	\$25,135,556	\$26,566,339
4.31	4.31	4.31	\$2,360,561	\$2,360,561	\$2,360,561
0.48	0.48	0.48	\$25,452	\$25,452	\$25,452
0.54	0.54	0.54	\$2,280	\$2,280	\$2,280
0.62	0.62	0.62	\$2,513	\$2,513	\$2,513
0.72	0.72	0.72	\$3,801	\$3,801	\$3,801
0.86	0.86	0.86	\$5,853	\$5,853	\$5,853
1.08	1.08	1.08	\$8,037	\$8,037	\$8,037
1.44	1.44	1.44	\$11,223	\$11,223	\$11,223
2.16	2.16	2.16	\$14,589	\$14,589	\$14,589
21.55	21.55	21.55	\$0	\$0	\$0
			\$2,434,310	\$2,434,310	\$2,434,310
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
			\$27,569,866	\$27,569,866	\$29,000,649
			\$3,878,533	\$3,878,533	\$3,211,411
			\$31,353,867	\$31,353,867	\$32,117,527
			\$94,533	\$94,533	\$94,533
			\$31,448,400	\$31,448,400	\$32,212,060
			\$0	\$0	\$1,856,160
			8.327090	8.327090	8.036939

Trans. 138
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
1.4668	1.1852	740,420	598,272
1.4148	1.1350	1,598,219	1,282,145
0.8516	0.6594	1,179,873	913,584
7.5038	8.8991	321,425	381,193
		3,839,937	3,175,194
0.0000	0.0000	0	0
0.0000	0.0000	0	0
0.0000	0.0000	0	0
7.1289	6.6894	38,596	36,216
		38,596	36,216
		3,878,533	3,211,411

Trans. 138
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	38,258	38,258	38,258	
0.00641000	0.00641000	5,116,248	5,116,248	5,116,248	
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	
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
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\$5,154,506	\$5,154,506	\$5,154,506
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32.4091
36.4262
36.4262
34.0296
0
1.0000

32.4091
1.0000

32.4091
34.0296

Trans. 138
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	3,076	3,076	3,076	
0.65000000	0.65000000	0	0	0	
0.21177560	0.21177560	0	0	0	
		\$3,076	\$3,076	\$3,076	

38.2484
36.4262
36.4262
40.1608
0
1.0000

38.2484
1.0000

38.2484
40.1608

Trans. 138
Exhibit 3.4-5

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
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	0	0	0
	\$0	\$0	\$0

	0.0000
	36.4262
	36.4262
	0.0000
	688
. E)	1.0000
	0.0000
	1.0000
	0.0000
	0.0000

Trans. 138
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
0.00898220	0.00899149	664,573	664,573	665,260	
0.02000000	0.02000000	0	0	0	
		\$664,573	\$664,573	\$665,260	
		\$664,573	\$664,573	\$665,260	

90.9429
36.4262
36.4262
94.9842
688
1.0010
90.9429
1.0010
91.0370
95.5888

Trans. 138
Exhibit 3.4-7

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
33.67	28.00	0	0	0	
0.29	0.40	0	0	0	
0.32	0.40	0	0	0	
0.18	0.18	0	0	0	
		\$0	\$0	\$0	

0.0000
36.4262
36.4262
0.0000
0
1.0000

0.0000
1.0000

0.0000
0.0000

Trans. 138
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	519,961	519,961	519,961	
0.00004000	0.00004000	21,068	21,068	21,068	
28.37	28.37	23,435	23,435	23,435	
302.84	302.84	479,336	479,336	479,336	
28.91	28.91	0	0	0	
		\$1,043,801	\$1,043,801	\$1,043,801	

97.4406
36.4262
36.4262
102.3127
0
1.0000

97.4406
1.0000

97.4406
102.3127

Trans. 138
Exhibit 3.4-10

Trans. 138 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	467,161	467,161	467,161	
0.00005000	0.00005000	625,893	625,893	625,893	
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	
		\$1,093,054	\$1,093,054	\$1,093,054	

125.8914
47.2388
47.2388
128.4092
0
1.0000

125.8914
1.0000

125.8914
128.4092

Trans. 138
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	1,011	1,011	1,011	
53.20	53.20	426	426	426	
17.00	17.00	13,984	13,984	13,984	
3.00	3.00	22,680	22,680	22,680	
488.24	488.24	0	0	0	
130.23	130.23	0	0	0	
		\$38,100	\$38,100	\$38,100	

53.0829
47.2388
47.2388
55.7370
0
1.0000

53.0829
1.0000

53.0829
55.7370

Trans. 138
Exhibit 3.4-12

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
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306.73	306.73	9,475	9,475	9,475
38.60	38.60	63,243	63,243	63,243
16.81	16.81	271,427	271,427	271,427
263.00	263.00	0	0	0
417.00	417.00	0	0	0
450.00	450.00	0	0	0
130.23	130.23	0	0	0

\$344,144	\$344,144	\$344,144
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74.7888
47.2388
47.2388
78.5282
0
1.0000

74.7888
1.0000

74.7888
78.5282

Trans. 138
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	120,944	120,944	120,944	
500.00	500.00	4,890	4,890	4,890	
50.00	50.00	24,396	24,396	24,396	
500.00	500.00	71,280	71,280	71,280	
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	
		\$221,510	\$221,510	\$221,510	

78.6240
47.2388
47.2388
82.55520
0

1.0000

78.6240

1.0000

78.6240

82.5552

Trans. 138
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	
		\$565,654	\$565,654	\$565,654	

100.0000

47.2388

47.2388

105.0000

0

1.0000

100.0000

1.0000

100.0000

105.0000

\$1,696,808 \$1,696,808 \$1,696,808

47.2053

1.0000

47.2053

Trans. 138
Exhibit 3.4-15

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
32.41	32.41	73,538	73,538	73,538	
50.50	50.50	344,028	344,028	344,028	
32.41	32.41	0	0	0	
28.77	28.77	227,686	227,686	227,686	
28.77	28.77	0	0	0	
2.45	2.45	225,350	225,350	225,350	
2.45	2.45	0	0	0	
200.00	200.00	0	0	0	
488.24	488.24	0	0	0	
5.59	5.59	1,252	1,252	1,252	
5.59	5.59	1,252	1,252	1,252	
30.00	1.00	3,630	3,630	121	
5.43	1.00	2,009	2,009	370	
7.74	1.00	186	186	24	
7.74	1.00	1,022	1,022	132	
1.00	1.00	176	176	176	
3.75	1.00	139	139	37	
6.74	6.74	0	0	0	
8.76	1.00	1,279	1,279	146	
35.42	35.42	0	0	0	
10.00	1.00	250	250	25	
488.24	488.24	0	0	0	
130.23	130.23	0	0	0	
		\$881,797	\$881,797	\$874,138	

79.8740
41.1012
43.3255
80.4484
0
12,037
1.0010

79.8740
0.9913

79.1803
79.6444

30 / Exhibit 3.4-19 Line 62 Col. E)

Trans. 138
Exhibit 3.4-16

current prices	proposed prices	revenue at last PCI update	revenue at current prices	revenue at proposed prices	Index Calculation
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C	D	E = A * B	F = A * C	G = A * D	H
27.72	26.72	665	665	641	
47.00	47.00	0	0	0	
38.51	38.51	462	462	462	
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	540	540	540	
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	1,897	1,897	1,897	
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	
		\$8,304	\$8,304	\$8,280	

92.0882
41.1012
43.3255
92.2894
0
12,037
1.0010

92.0882
0.9971

91.8220
91.8234

Trans. 138
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
248.00	235.85	4,726,880	4,726,880	4,495,301	
39.41	39.41	725,459	725,459	725,459	
15.00	15.00	1,867,991	1,867,991	1,867,991	
450.00	450.00	0	0	0	
130.23	130.59	0	0	0	
187.21	187.21	32,387	32,387	32,387	
800.00	800.00	2,400	2,400	2,400	
357.80	357.80	0	0	0	
1,410.00	1,410.00	0	0	0	
24.00	0.00	342,552	342,552	0	
538.19	538.19	0	0	0	
		\$7,697,670	\$7,697,670	\$7,123,539	

65.7274
41.1012
43.3255
70.7303
0
12,037
1.0010

Col. E) + (Line 18 / Exhibit 3.4-19 Line 62 Col. E)

65.7274
0.9254

60.8251
65.5384

Trans. 138
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
1,420.25	1,400.00	288,311	288,311	284,200	

500.00	500.00	130,500	130,500	130,500
50.00	50.00	82,456	82,456	82,456
3,410.00	3,410.00	0	0	0
415.00	415.00	0	0	0
500.00	500.00	0	0	0
1,297.00	1,297.00	0	0	0

		\$501,266	\$501,266	\$497,156
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82.6242
41.1012
43.3255
82.8047
0
12,037
1.0010

Col. E) + (Line 14 / Exhibit 3.4-19 Line 62 Col. E)

82.6242
0.9918

81.9466
82.3866

Trans. 138
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	7,549	7,549	7,549	
68.01	68.01	3,741	3,741	3,741	
68.01	68.01	32,985	32,985	32,985	
67.00	67.00	2,412	2,412	2,412	
99.18	99.18	1,360,477	1,360,477	1,360,477	
99.18	99.18	56,929	56,929	56,929	
3,200.00	3,200.00	0	0	0	
3,000.00	3,000.00	0	0	0	
30.93	30.93	1,887	1,887	1,887	
30.93	30.93	402	402	402	
30.93	30.93	14,104	14,104	14,104	
30.93	30.93	1,113	1,113	1,113	
30.94	30.94	398,836	398,836	398,836	
30.94	30.94	18,007	18,007	18,007	
2,000.00	2,000.00	0	0	0	
2,000.00	2,000.00	0	0	0	
4.80	4.80	9,506	9,506	9,506	

4.80	4.80	606	606	606
4.80	4.80	17,240	17,240	17,240
3.81	3.81	752	752	752
3.82	3.82	593,090	593,090	593,090
3.82	3.82	25,838	25,838	25,838
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	0	0	0
250.00	250.00	0	0	0
130.23	130.23	0	0	0
11.00	11.00	605	605	605
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	0	0	0
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

\$2,546,079	\$2,546,079	\$2,546,079
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\$10,745,015	\$10,745,015	\$10,166,773
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: 56 / Line 62 Col. E)

69.3465
41.1012
43.3255
73.0965
0
12,037
1.0010

69.3465
0.9462

65.6146

69.1471

\$11,635,116 \$11,635,116 \$11,049,191

43.3255

0.9496

41.1437